ACADEMIC YEAR

2021-2022

ICT TOOLS FOR EFFECTIVE TEACHING LEARNING PROCESS

Virtual Lab Exercise Based PCE Activity

Name : D.Parkavi

Roll no : 20CS36

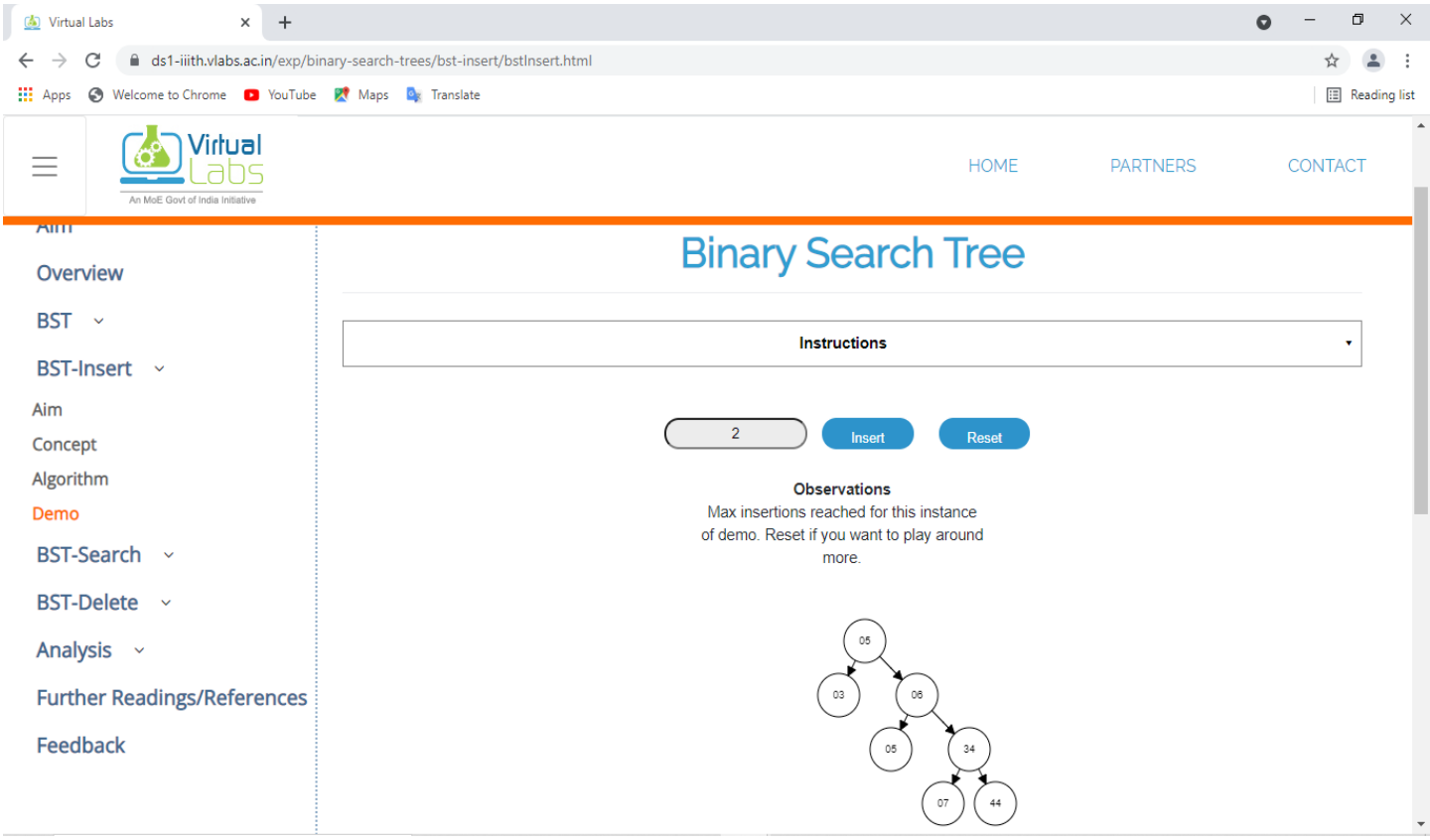
Subject : Data Structures

Subject code : CS8391

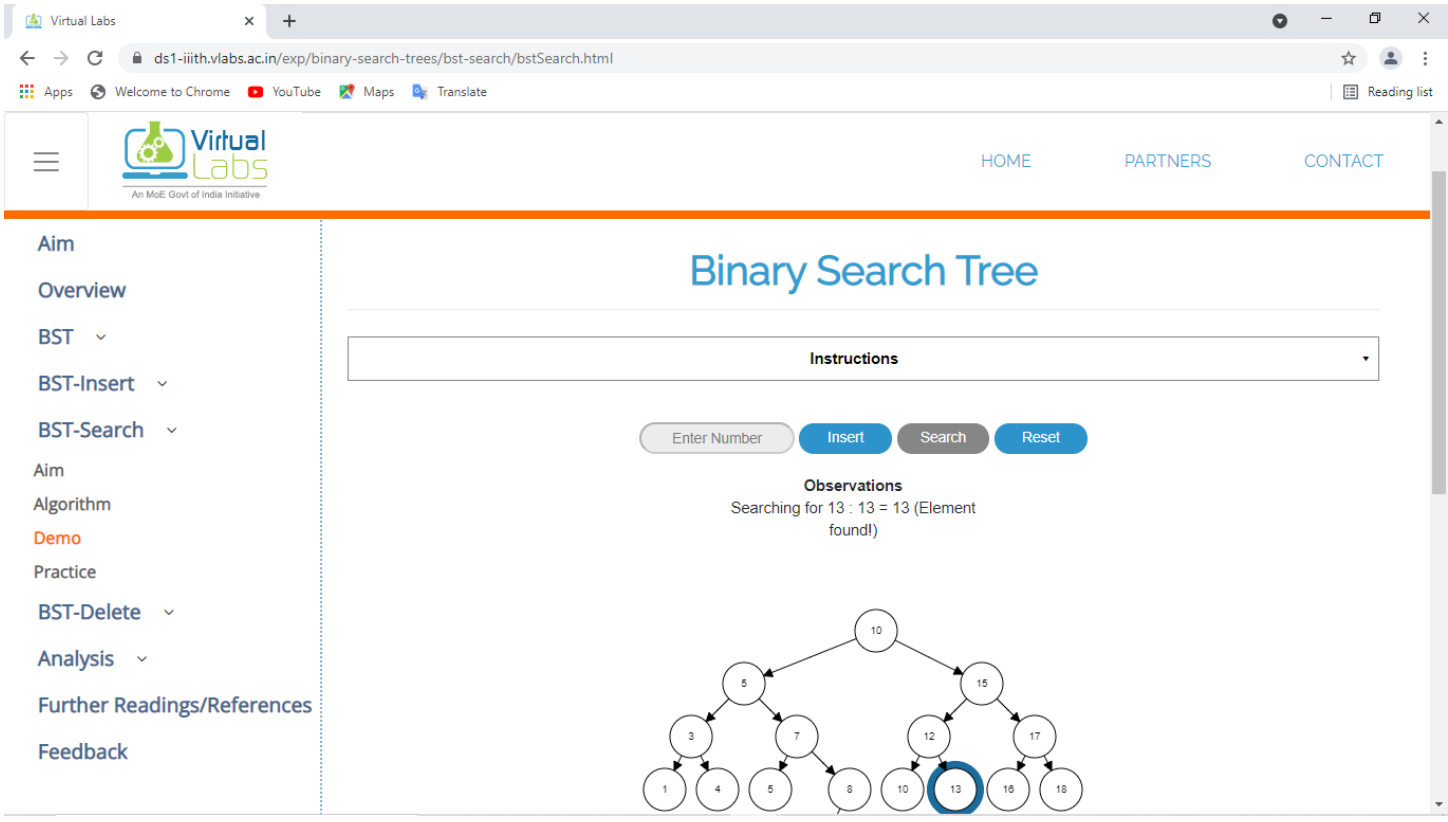
Experiment-1

Perform the binary tree insertion,deletion,searching

Insertion



Searching



Deletion

Virtual Labs

ds1-iiith.vlabs.ac.in/exp/binary-search-trees/bst-delete/bstDelete.html

Apps Welcome to Chrome YouTube Maps Translate Reading list

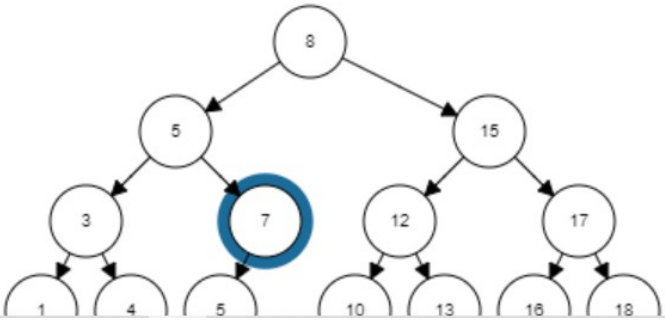
Virtual Labs
An MoE Govt of India Initiative

HOME PARTNERS CONTACT

Enter Number Insert Delete Reset

Observations

7 == 7. Found node to delete



Virtual Labs

ds1-iiith.vlabs.ac.in/exp/binary-search-trees/bst-delete/bstDelete.html

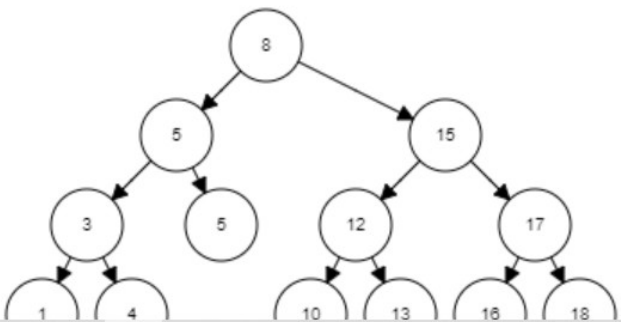
Apps Welcome to Chrome YouTube Maps Translate Reading list

Virtual Labs
An MoE Govt of India Initiative

HOME PARTNERS CONTACT

Enter Number Insert Delete Reset

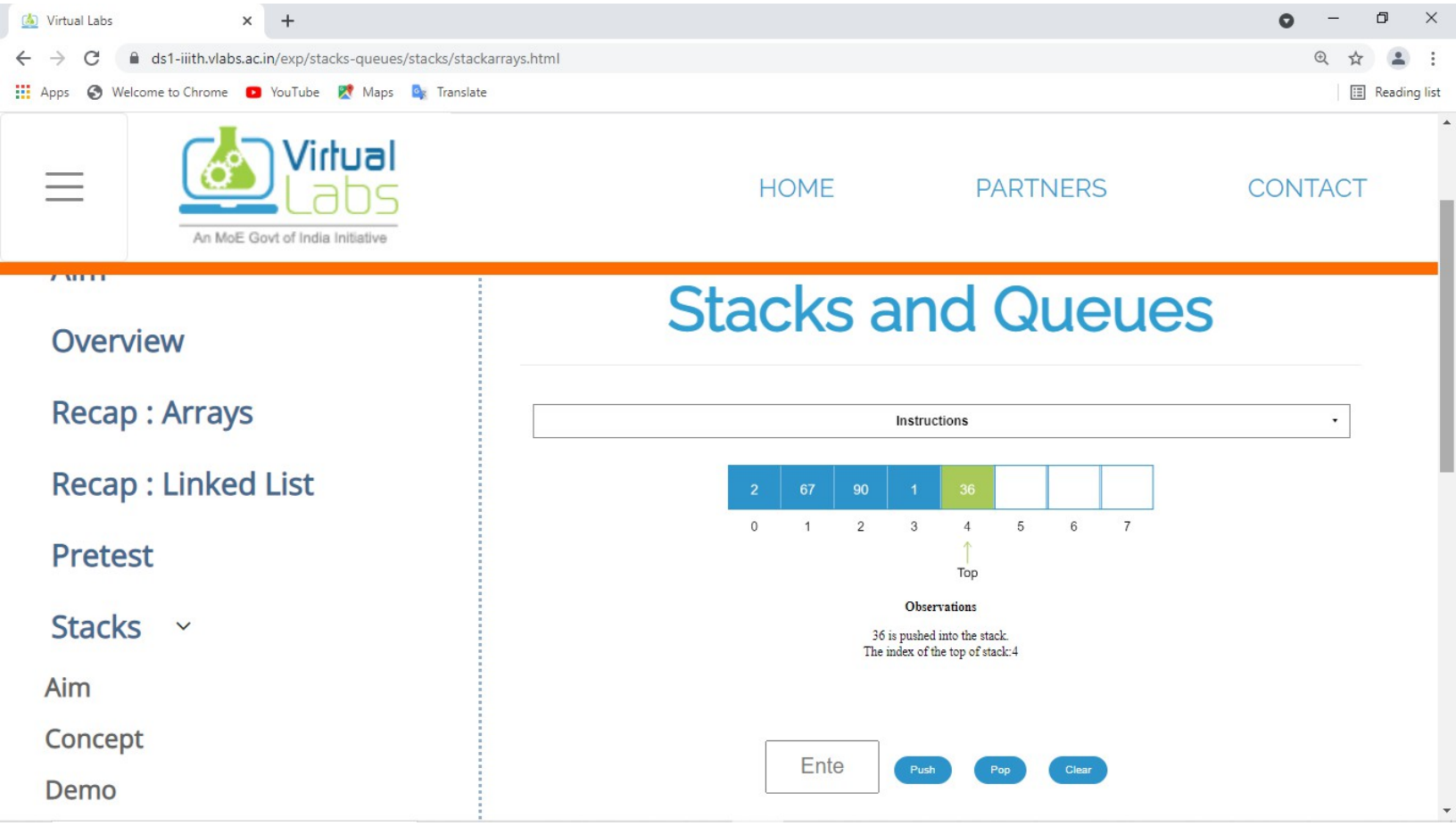
Observations



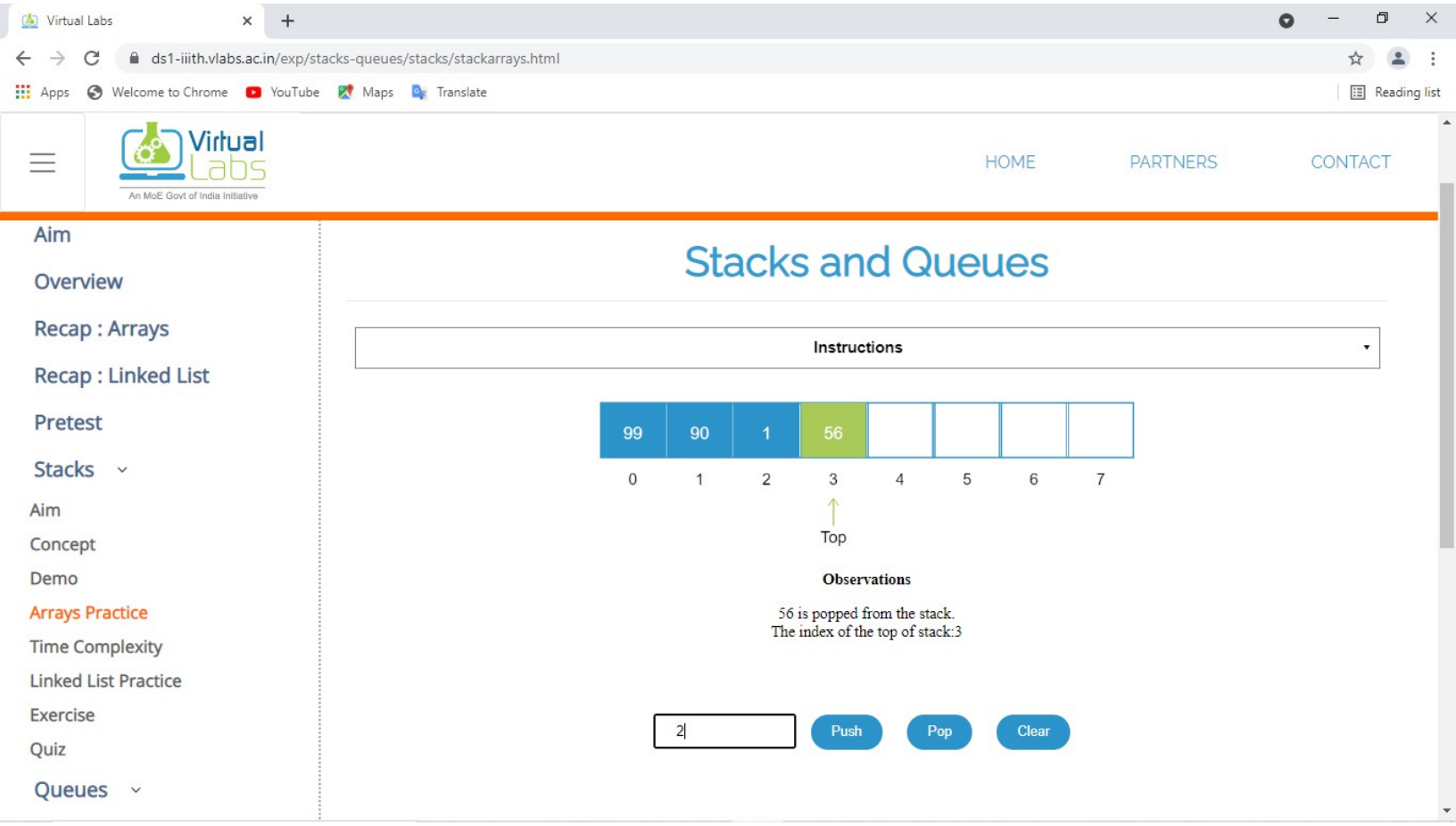
Experiment -2

Performed array based implementation of stack

Insertion operation

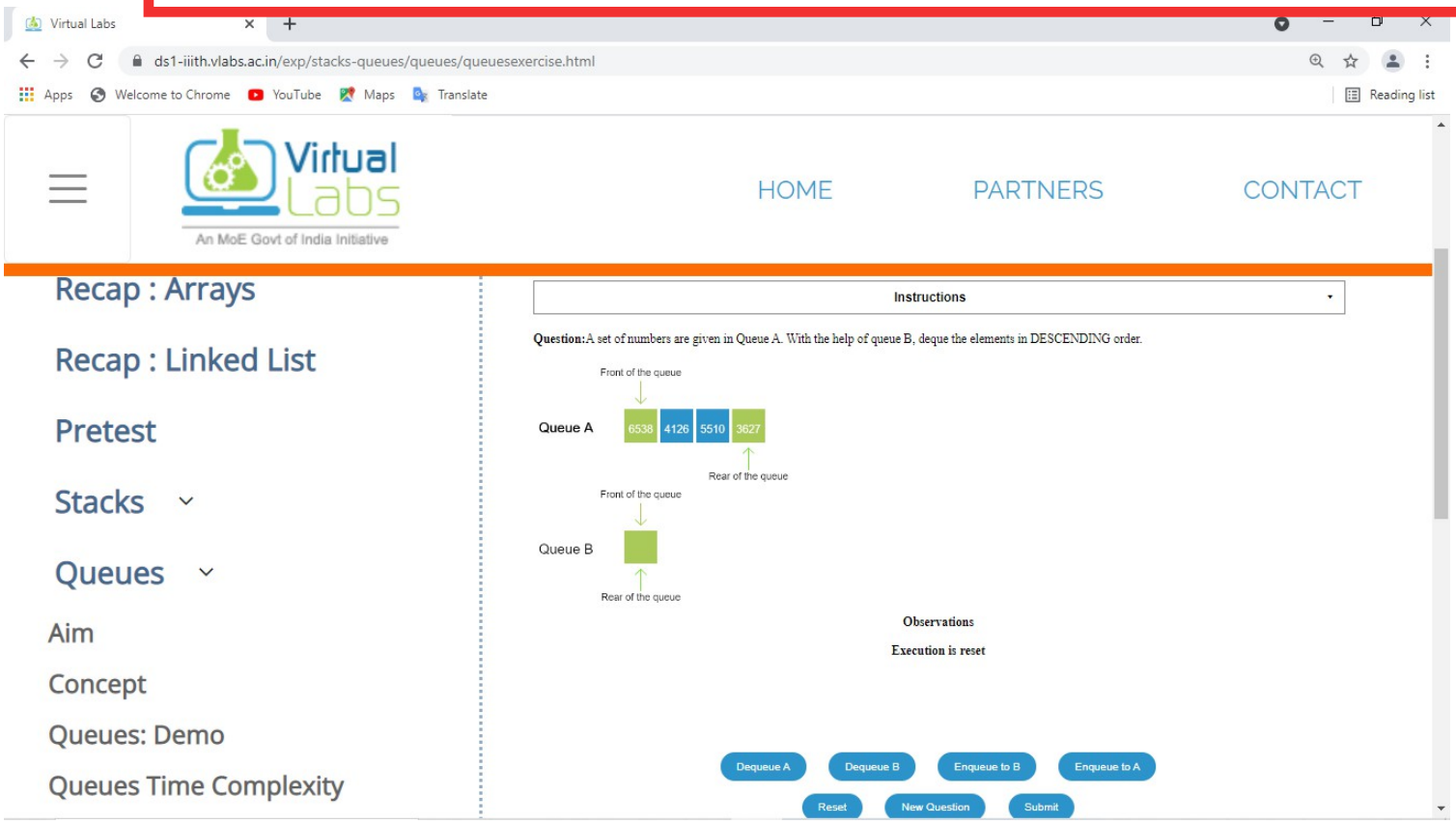


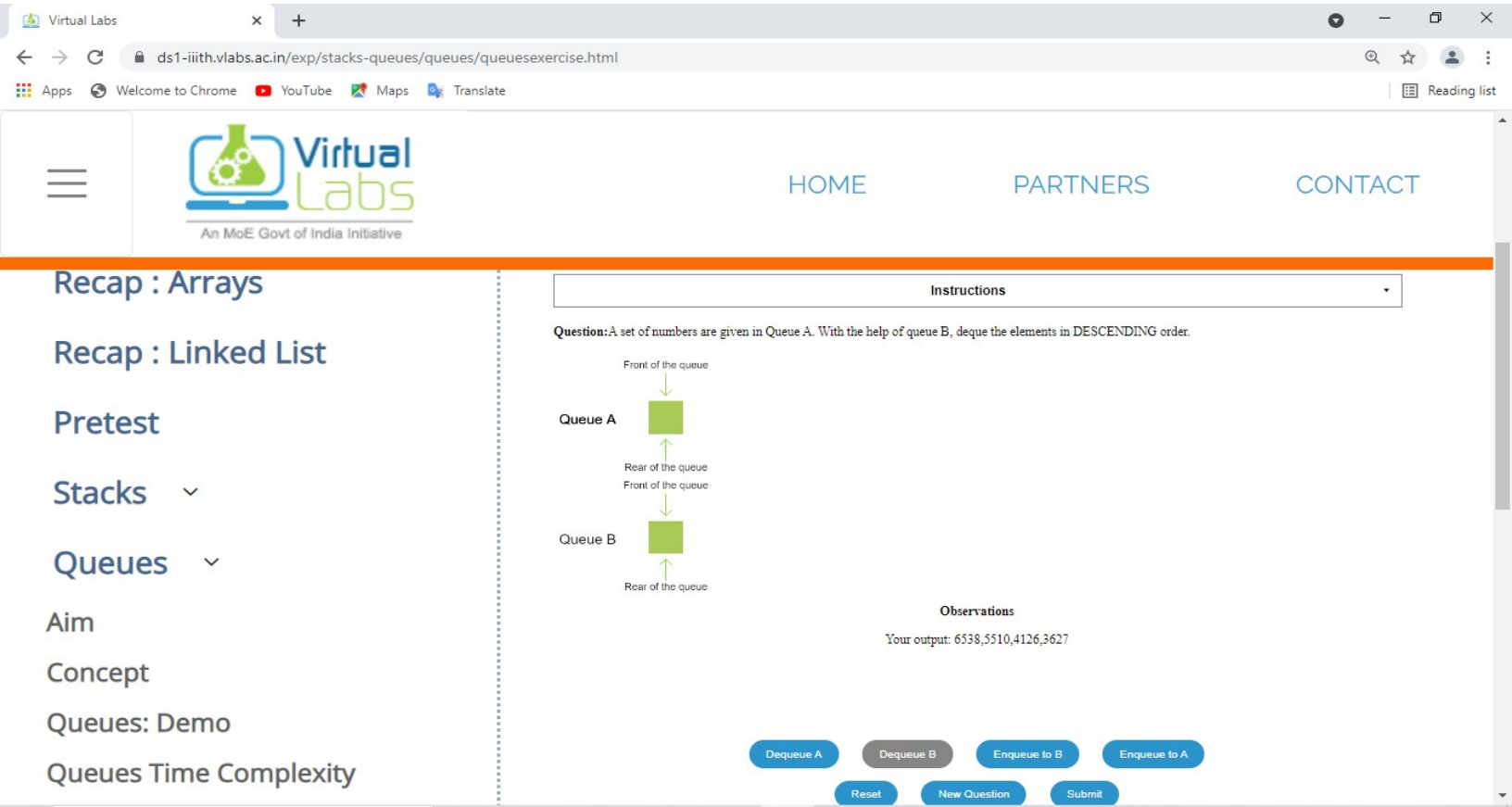
Deletion operation



Experiment-3

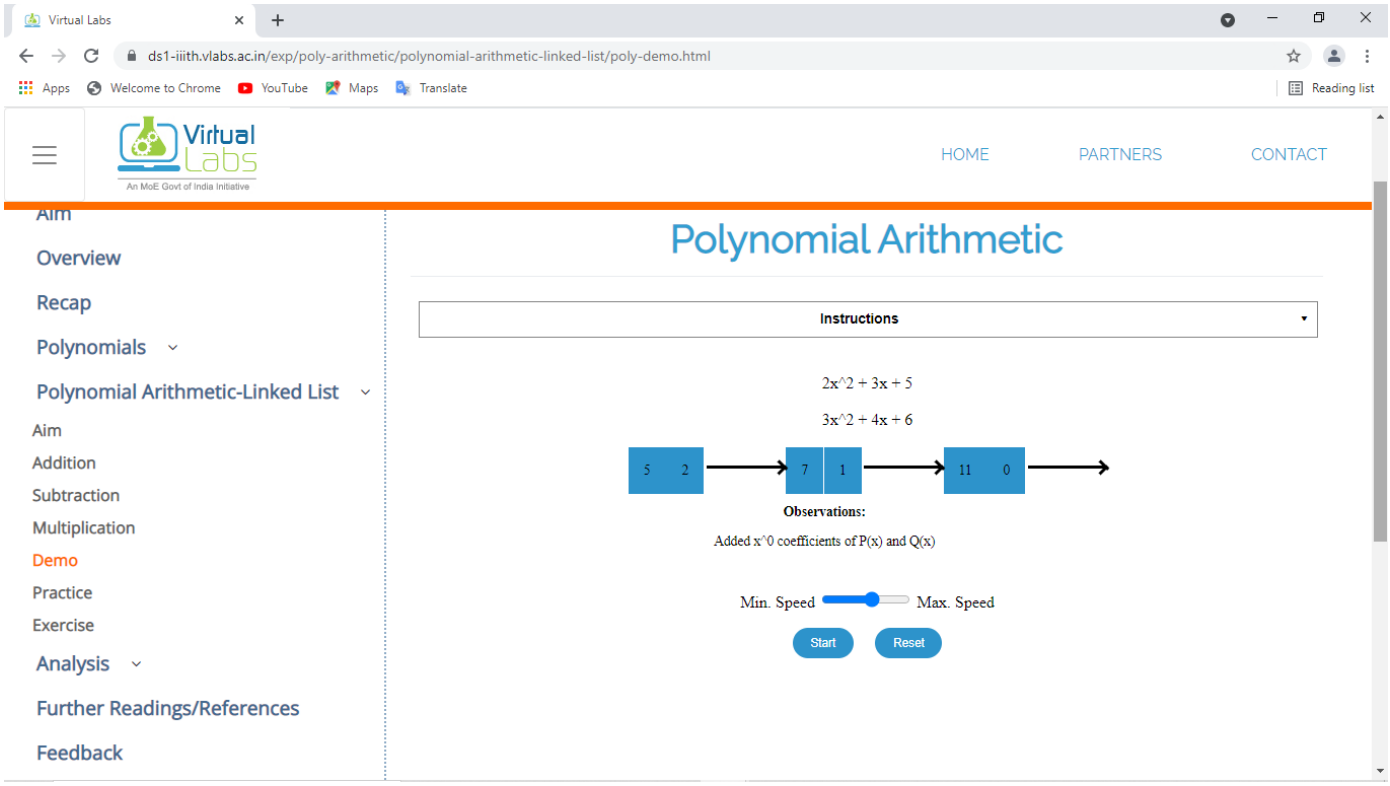
A set of numbers are given in Queue A.with the help of Queue B, deque the elements in DESCENDING order

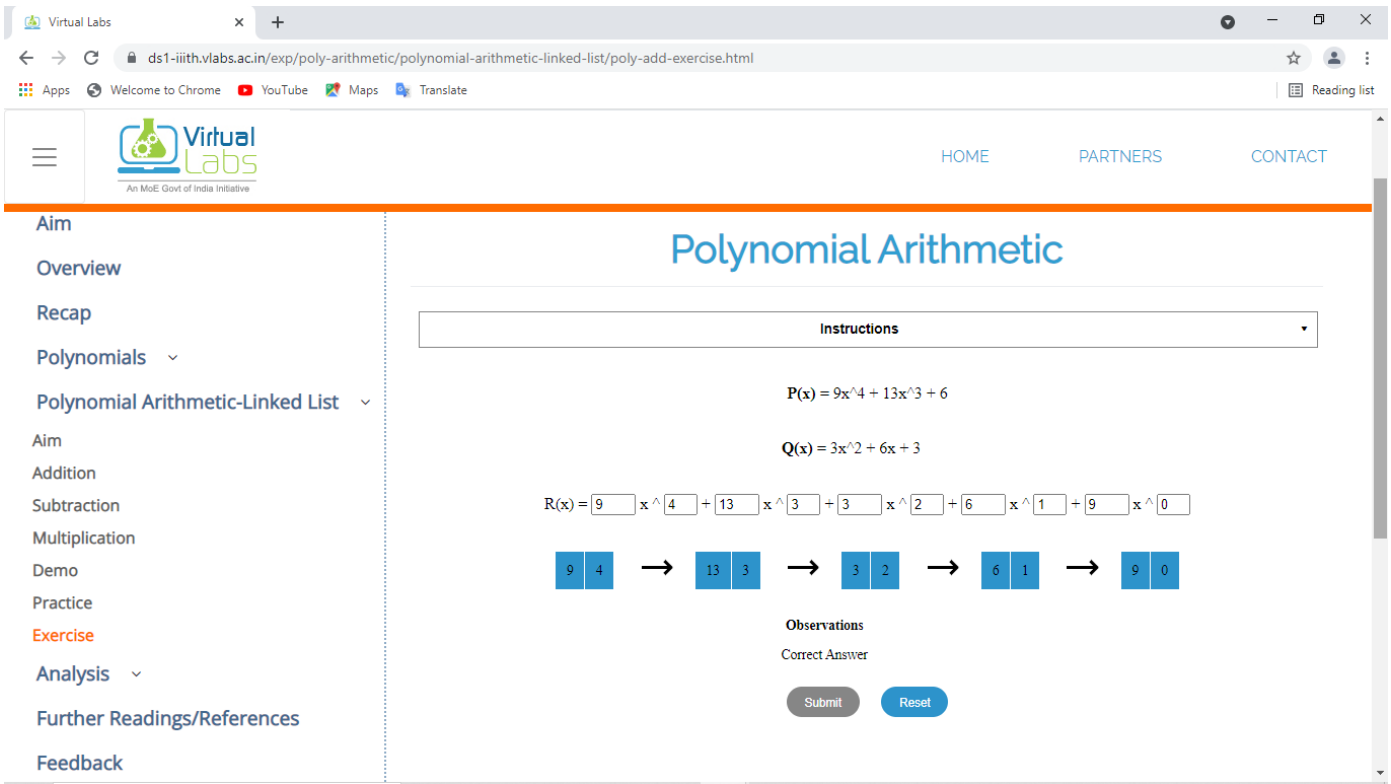




Experiment-4

Perform various polynomial operations- Addition,subraction,Multiplication





Turbocharge your classroom ⚡ Get Premium

Activities for My first class

CLASS CODE

ajf6296 Copy

CE8005 / APCE - PCE ACTIVITY 1 (Preview)

Currently active

Analyze 21 results

Back

CE8005 / APCE - PCE ACTIVITY 1

by Arun Kannan

See how the quiz game looks to students

Preview this quiz

Give to students

- Start a class game
- Give as homework
- Share a link
- Print a bubble sheet
- Edit the questions
- Report

Assigned **1 time**

10 questions Show answers

1 60 sec

Q.

Pollutants which are formed when primary pollutants undergo chemical changes in the atmosphere are called as ?

- Primary Pollutants
- Secondary Pollutants
- Hazardous Pollutants
- Tertiary Pollutants

2

60 sec

Q.

_____ is the process of collection of air containing pollutants both from the ambient air and from specific sources.

- Sampling
- Cleaning
- Detailing
- Collecting

3

60 sec

Q.

Sources of air pollution are :

- Transportation

- Factories
- Combustion process

4 60 sec

Q.

_____ is a synchronism of two words- smoke and fog.

- SMOG
- SOG
- SFOG
- SMOOG

5 60 sec

Q.

The temperature of the ambient air normally decreases with increases in the altitude (height), this change of temperature is called _____

- Lapse rate
- Plume
- Wind Rose

Meteorology

6 60 sec

Q.

Identify the Looping plume pattern from the images given below:

The answer is an image

7 60 sec

Q.

Identify the Lofting plume pattern from the images given below:

The answer is an image

8 60 sec

Q.

_____is a graphic tool used by meteorologists to give a succinct view of how wind speed and direction are typically distributed at a particular location.

- None of the Above
- Wind rose
- Lapse Rate
- Plume

9

60 sec

Q.

The environment is said to be unstable & Super adiabatic lapse rate, If ?

- ELR & ALR = 0
- ELR >ALR
- ELR < ALR
- ELR = ALR

10

60 sec

Q.

When the inversion layer exists above the stack and as well as below the stack, the plume neither goes up nor goes down, rather, it gets confined between these two inversion layers. This type of plume pattern is called as _____

- None of the above
- Fanning
- Trapping Plume
- Fumigating

Play again

See all activities

You got 100% (10/10)

on CE8005 / APCE - PCE ACTIVITY 1

May 4, 2022 1:36 AM

80% 1st try → 100% 2nd try

That's a great result! You've outdone yourself, answering 25% more questions correctly this time.

You've mastered this topic, so let's work on something else!

1st try
80%

2nd try
100%

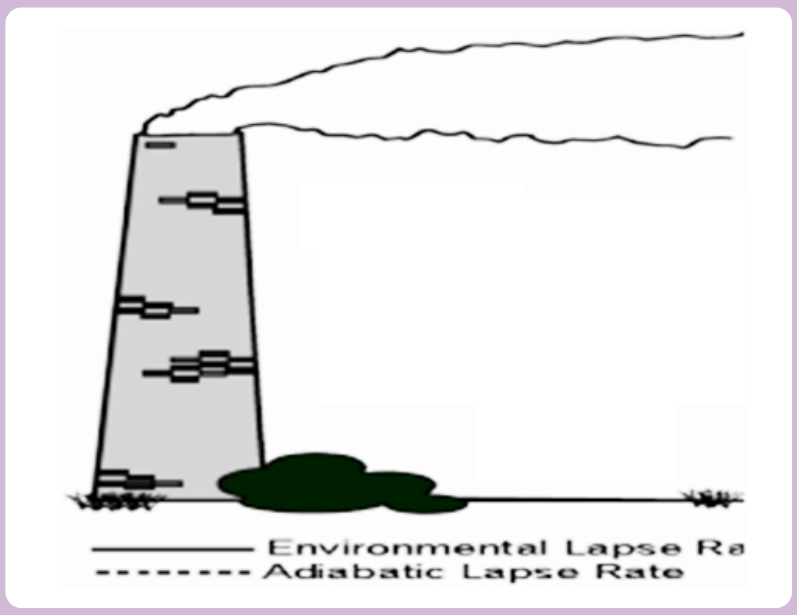
You got

2000 points

Identify the Lofting plume pattern from the images given below:

Play again

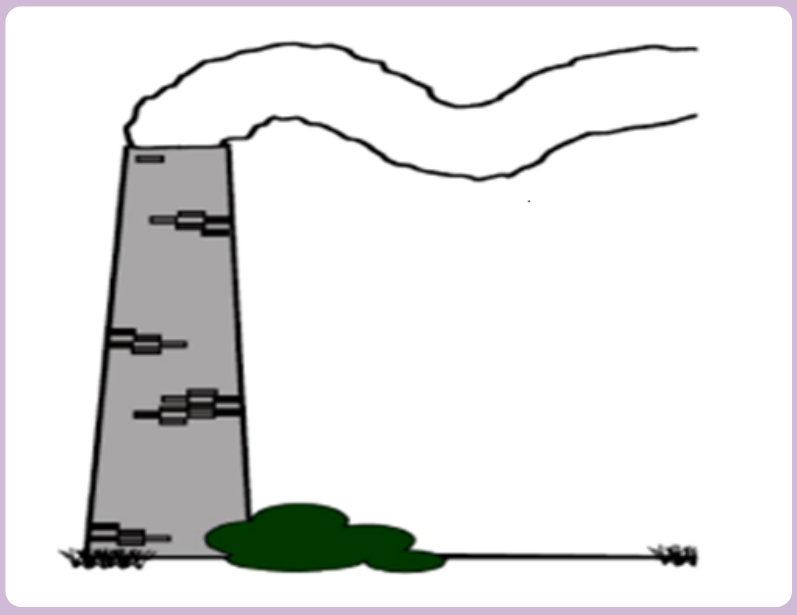
See all activities



in 2.1 secs

200 POINTS

Identify the Looping plume pattern from the images given below:



in 2.0 secs

200 NTS

Play again

See all activities

Pollutants which are formed when primary pollutants undergo chemical changes in the atmosphere are called as ?

Secondary Pollutants

in 1.9 secs

200 POINTS

When the inversion layer exists above the stack and as well as below the stack, the plume neither goes up nor goes down, rather, it gets confined between these two inversion layers. This type of plume pattern is called as _____

Trapping Plume

in 1.5 secs

200 POINTS

Sources of air pollution are :

All the Above

in 0.9 secs

200 POINTS

_____is a graphic tool used by meteorologists to give a succinct view of how wind speed and direction are typically distributed at a particular location.

Wind rose

Play again

See all activities

200 POINTS

_____ is the process of collection of air containing pollutants both from the ambient air and from specific sources.

Sampling

in 0.3 secs

200 POINTS

The temperature of the ambient air normally decreases with increases in the altitude (height), this change of temperature is called _____

Lapse rate

in 0.1 secs

200 POINTS

The environment is said to be unstable & Super adiabatic lapse rate, If ?

ELR >ALR

in 0.0 secs

200 POINTS

_____ is a synchronism of two words- smoke and fog.

J.PREMKUMAR_12 view
M.JAYASEELAN_08 view
R.KARTHIKEYAN_20 view
JANANI. T. S_06 view
S.ARUNPRASAD_04 view
KURALARASAN_09 view
F.DANIEL NAVIS_19 view
S.SANTHOSH_15 view
R.Rengeswari_13 view
S.DIVYA_05 view
n.jayachandran view
P.SATHYA -16 view
R.VIMAL _18 view
rubika.m-14 view
B.Agalya-01 view
M.ARUNKUMAR_03 view
P.STALIN_17 view
S.ANBUMANI_02 view
B.Agalya_01 view
R.MADHUMITHA_10 view
M.MONIKA_11 view

1st try
100%

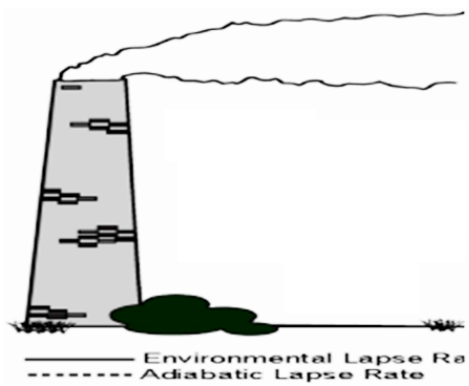
May 4, 2022 2:19 PM

R.MADHUMITHA_10 got 10 out of 10, first try on CE8005 / APCE - PCE ACTIVITY 1

View Results Table

R.MADHUMITHA_10 got 1967 POINTS with these

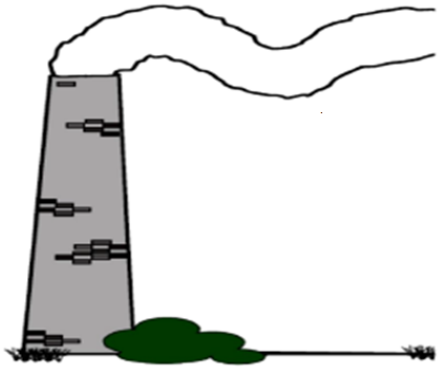
Identify the Lofting plume pattern from the images given below:



in 12.0 secs

167 POINTS

Identify the Looping plume pattern from the images given below:



in 0.9 secs

200 POINTS

_____is a graphic tool used by meteorologists to give a succinct view of how wind speed and direction are typically distributed at a particular location.

Wind rose

in 0.7 secs

200 POINTS

The temperature of the ambient air normally decreases with increases in the altitude (height), this change of temperature is called _____

Lapse rate

in 0.7 secs

200 POINTS

When the inversion layer exists above the stack and as well as below the stack, the plume neither goes up nor goes down, rather, it gets confined between these two inversion layers. This type of plume pattern is called as _____

Trapping Plume

in 0.6 secs

200 POINTS

The environment is said to be unstable & Super adiabatic lapse rate, If ?

ELR >ALR

in 0.2 secs

200 POINTS

_____ is a synchronism of two words- smoke and fog.

SMOG

in 0.0 secs

200 POINTS

Sources of air pollution are :

All the Above

in 0.0 secs

200 POINTS

_____ is the process of collection of air containing pollutants both from the ambient air and from specific sources.

Sampling

in 0.0 secs

200 POINTS

Pollutants which are formed when primary pollutants undergo chemical changes in the atmosphere are called as ?

Secondary Pollutants

in 0.0 secs

200 POINTS

Results Table

Average score: 81%

Attempt First Highest first /10			Identify the Lofting plu	The environment is saic	Identify the Looping pl	____ is a graphi	The temperature of the	When the inversion lay	Pollutants which are fo	____ is the p	____ is a synchr	Sources of air pollutior
Completed												
Attempt #1	S.DIVYA_05 view	10/10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Attempt #1	R.Rengeswari_13 view	10/10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Attempt #1	B.Agalya_01 view	10/10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Attempt #1	R.MADHUMITHA_10 view	10/10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Attempt #1	F.DANIEL NAVIS_19 view	9/10	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓
Attempt #1	R.VIMAL _18 view	9/10	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
Attempt #1	JANANI. T. S_06 view	9/10	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓
Attempt #1	M.ARUNKUMAR_03 view	9/10	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
Attempt #1	S.ANBUMANI_02 view	9/10	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓
Attempt #1	M.MONIKA_11 view	9/10	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
Attempt #1	KURALARASAN_09 view	8/10	✓	✓	✓	✓	✓	✗	✓	✗	✓	✓
Attempt #1	M.JAYASEELAN_08 view	8/10	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓
Attempt #1	rubika.m-14 view	8/10	✗	✓	✗	✓	✓	✓	✓	✓	✓	✓
Attempt #1	B.Agalya-01 view	8/10	✓	✗	✗	✓	✓	✓	✓	✓	✓	✓
Attempt #1	R.KARTHIKEYAN_20 view	8/10	✓	✗	✓	✓	✗	✓	✓	✓	✓	✓
Attempt #1	P.STALIN_17 view	8/10	✗	✓	✓	✓	✗	✓	✓	✓	✓	✓
Attempt #1	P.SATHYA -16 view	7/10	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓

Results Table

Average score: 81%

Attempt First Highest first /10

Completed

Attempt		Identify the Lofting plu	The environment is saic	Identify the Looping pl	____ is a graphi	The temperature of the	When the inversion lay	Pollutants which are fo	____ is the p	____ is a synchr	Sources of air pollutior
Attempt #1	S.DIVYA_05 view	10/10									
Attempt #1	R.Rengeswari_13 view	10/10									
Attempt #1	B.Agalya_01 view	10/10									
Attempt #1	R.MADHUMITHA_10	10/10									
Attempt #1	F.DANIEL NAVIS_19	9/10									
Attempt #1	R.VIMAL _18 view	9/10									
Attempt #1	JANANI. T. S_06 view	9/10									
Attempt #1	M.ARUNKUMAR_03	9/10									
Attempt #1	S.ANBUMANI_02	9/10									
Attempt #1	M.MONIKA_11 view	9/10									
Attempt #1	KURALARASAN_09	8/10									
Attempt #1	M.JAYASEELAN_08	8/10									
Attempt #1	rubika.m-14 view	8/10									
Attempt #1	B.Agalya-01 view	8/10									
Attempt #1	R.KARTHIKEYAN_20	8/10									
Attempt #1	P.STALIN_17 view	8/10									
Attempt #1	P.SATHYA -16 view	7/10									

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DEPARTMENT OF CIVIL ENGINEERING

GI8014 – GEOGRAPHIC INFORMATION SYSTEM

III YEAR CIVIL / V SEM

PCE ACTIVITY – ONLINE QUIZ

STAFF INCHARGE

ARUN.K

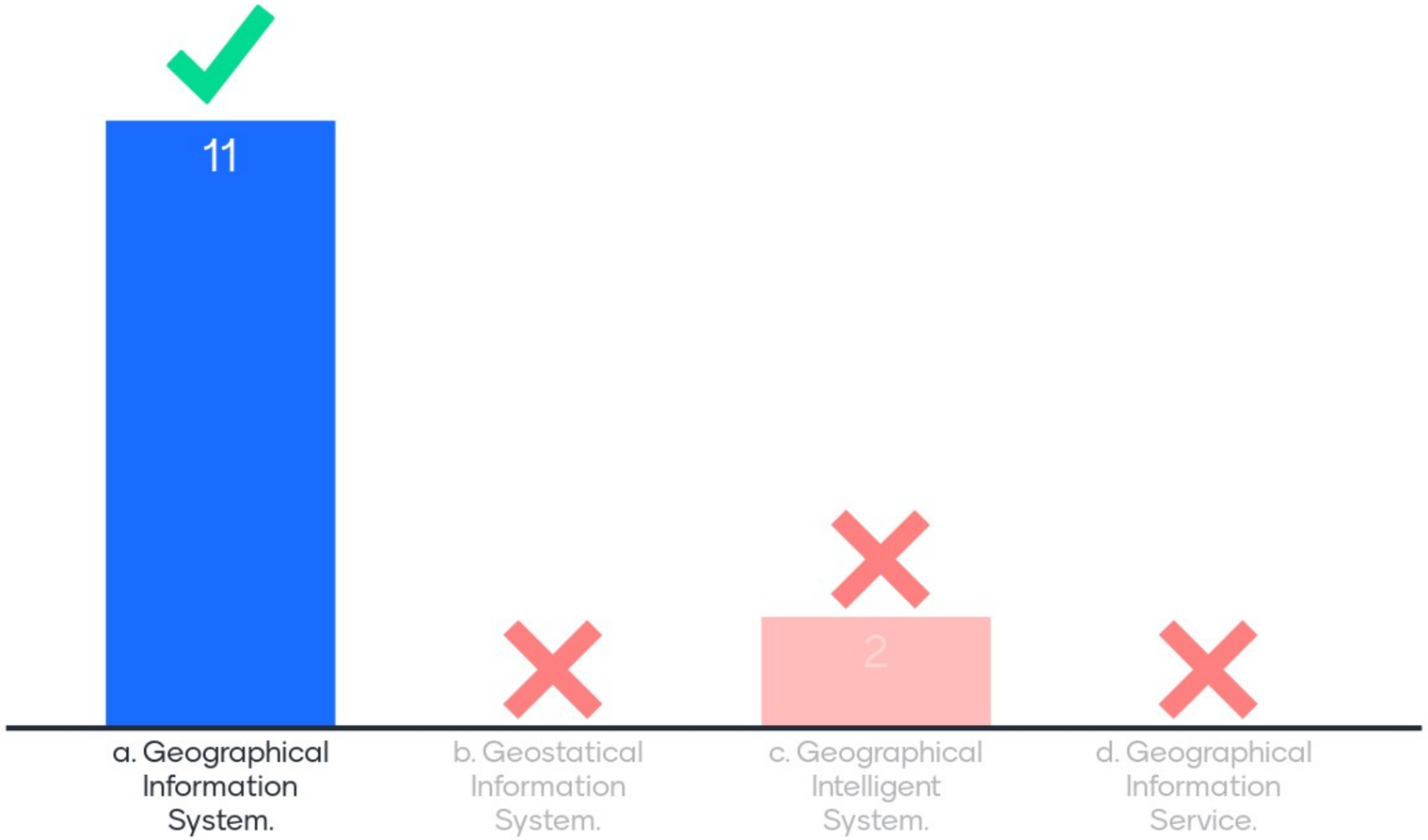
AP/CIVIL

PCE ACTIVITY - ONLINE QUIZ

Mentimeter

6

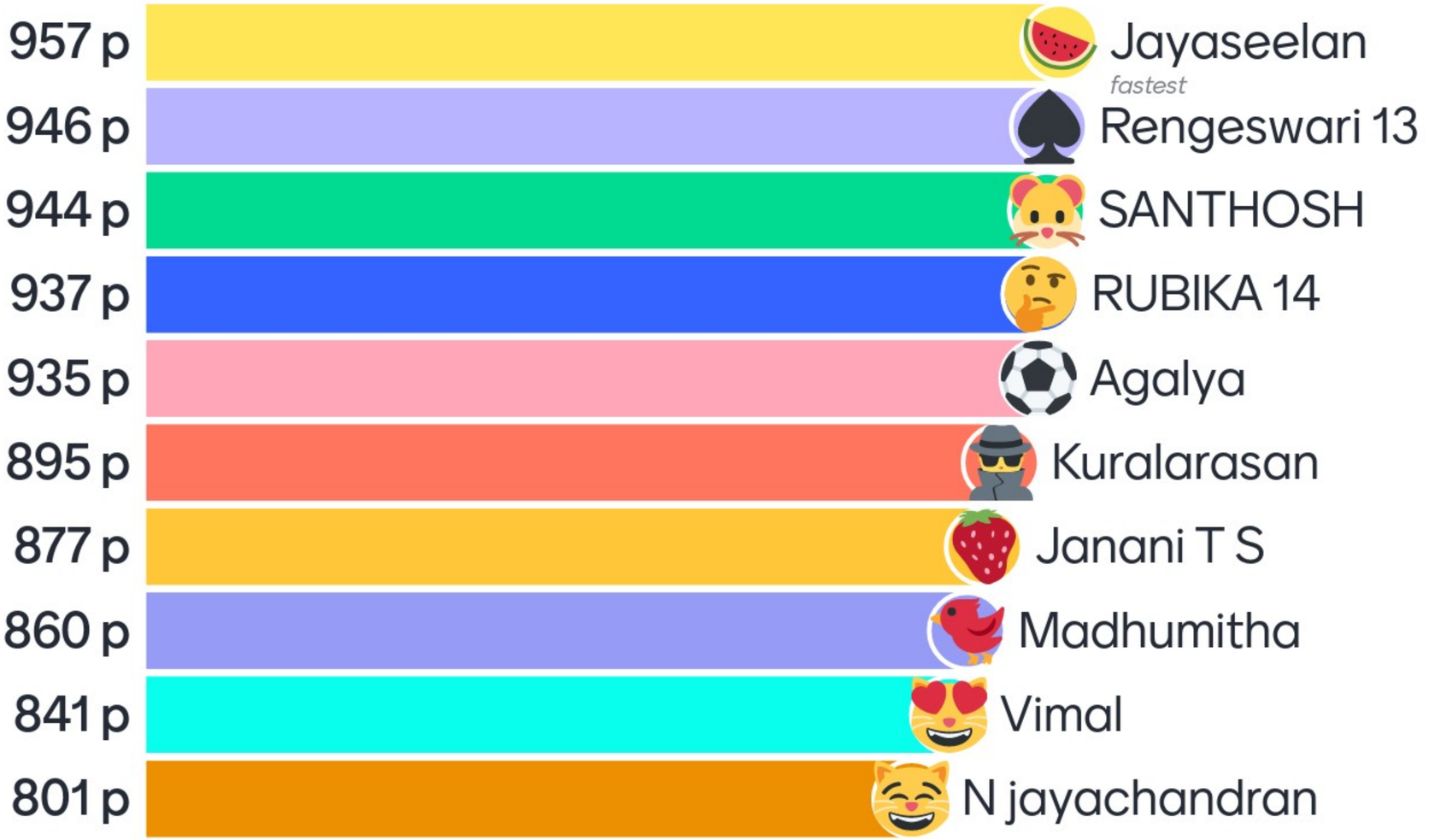
GIS stands for __



Mentimeter

Leaderboard

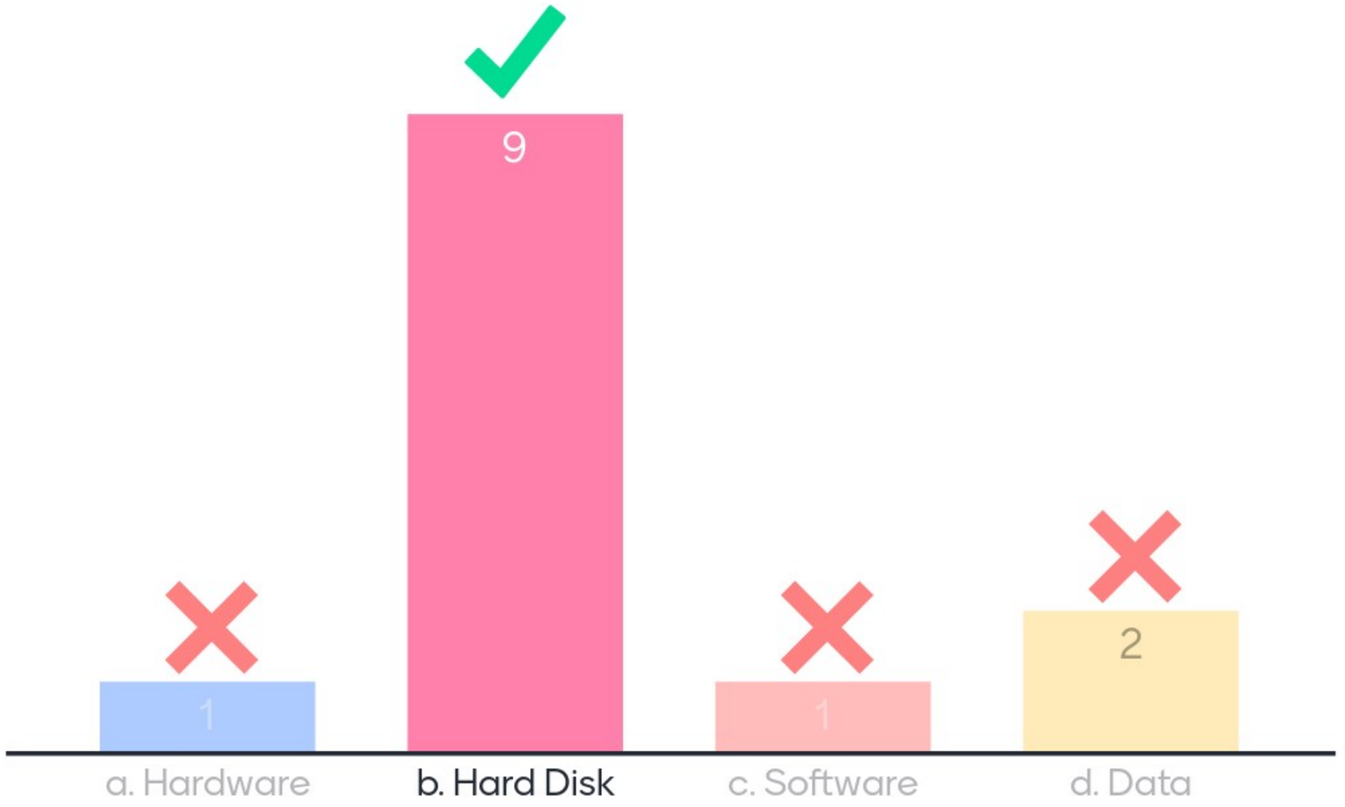
Mentimeter



13

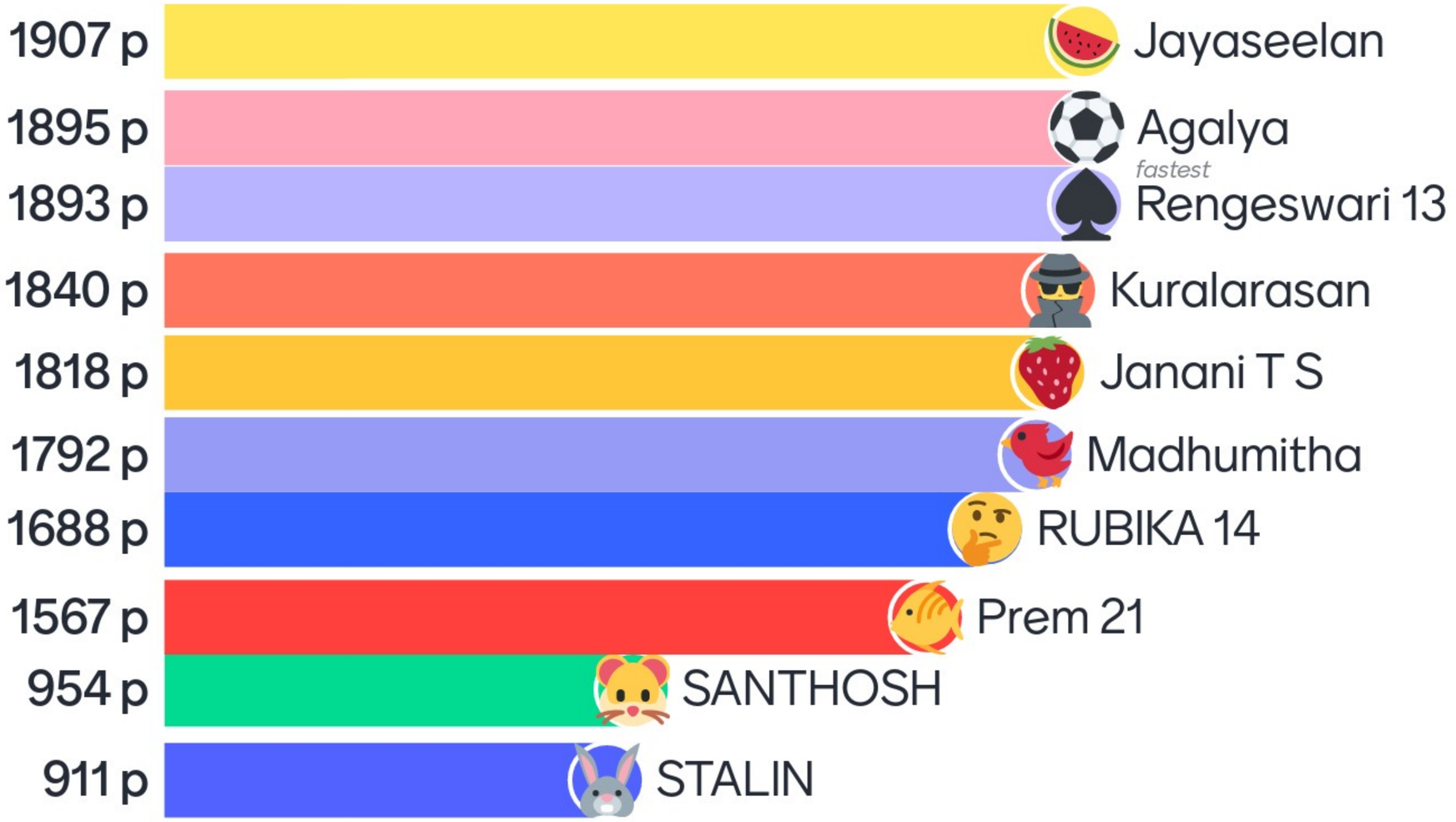
Which of the following is not a component of GIS?

Mentimeter



13

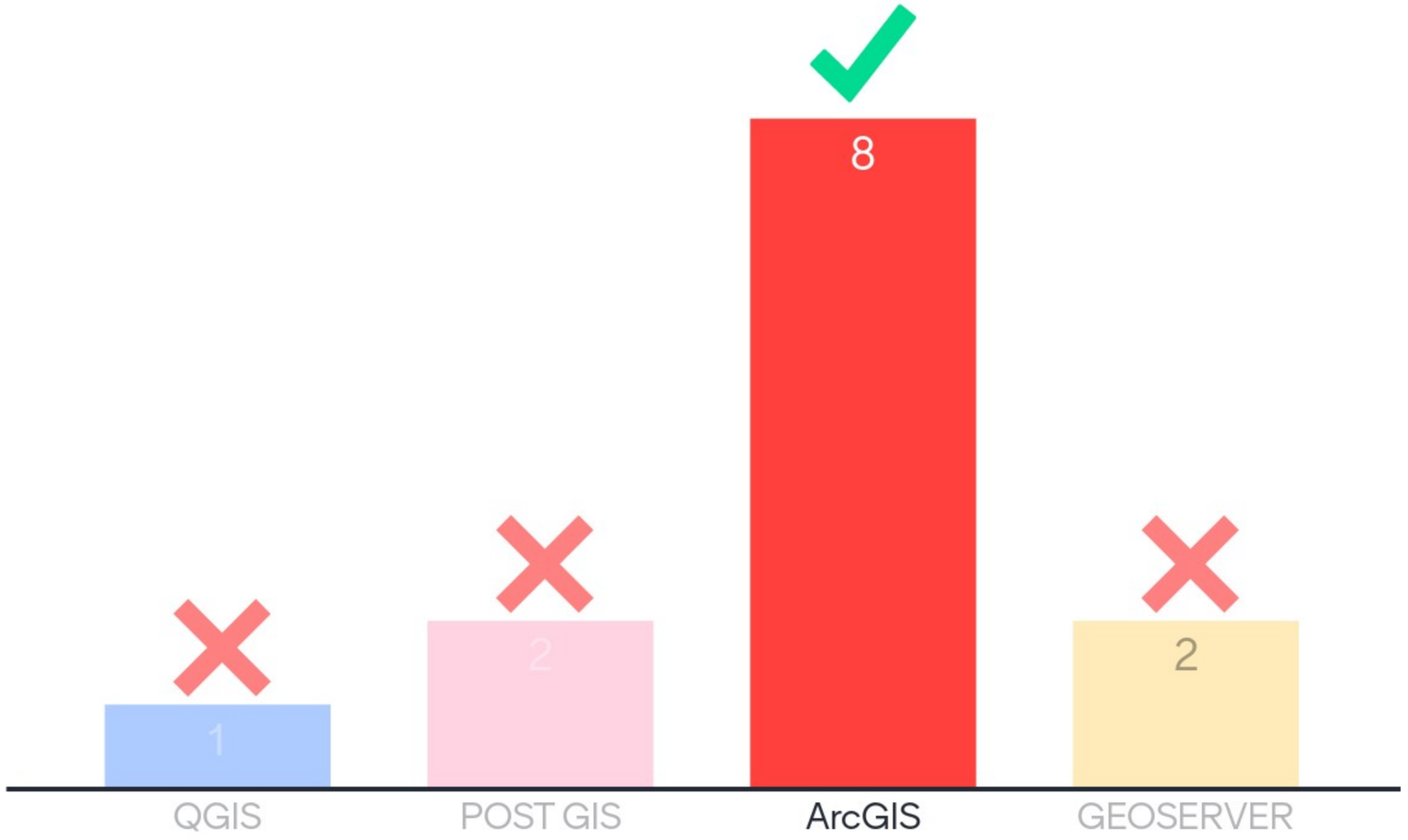
Leaderboard



Mentimeter

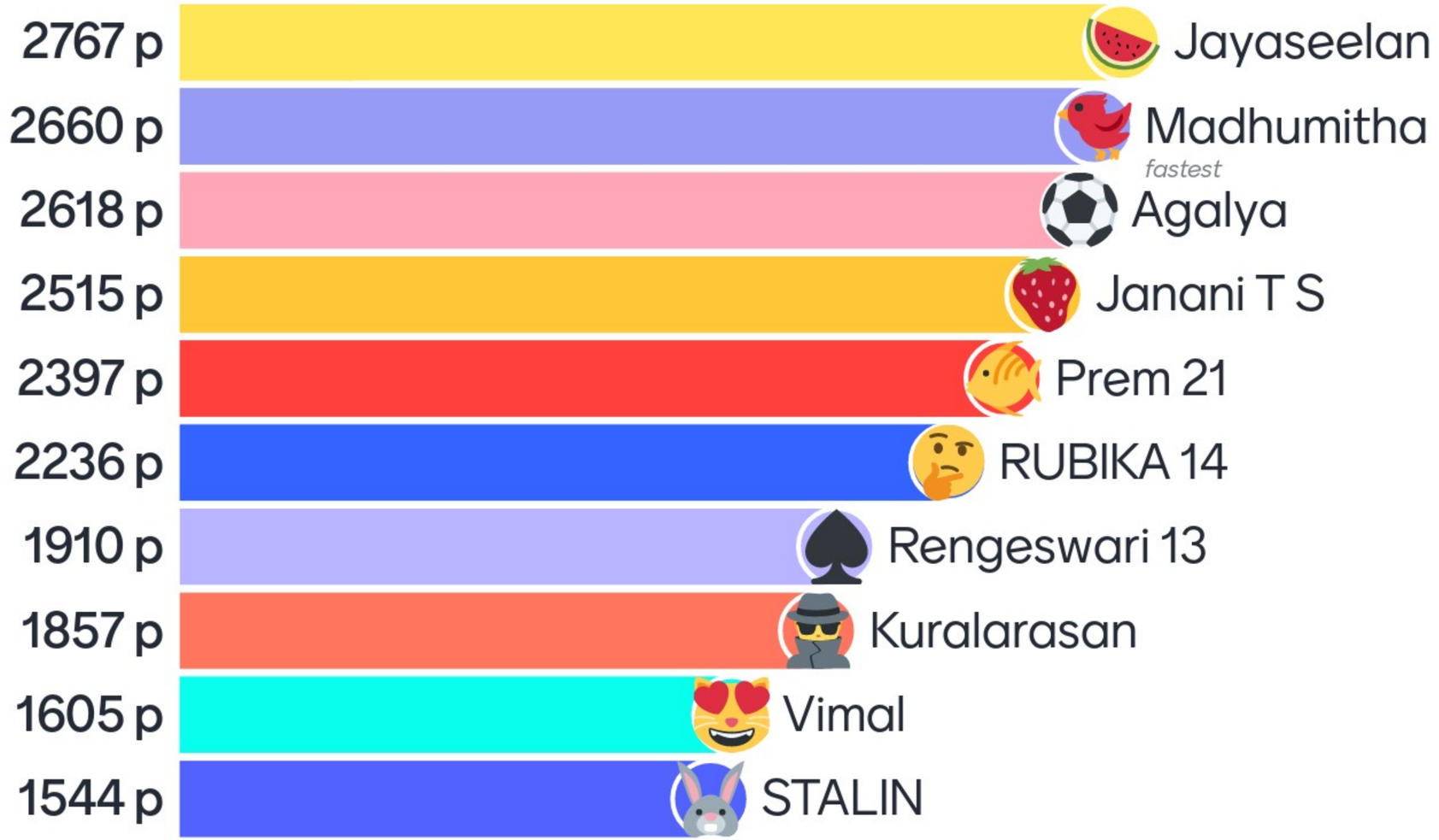
GIS software owned by ESRI is __

Mentimeter



13

Leaderboard

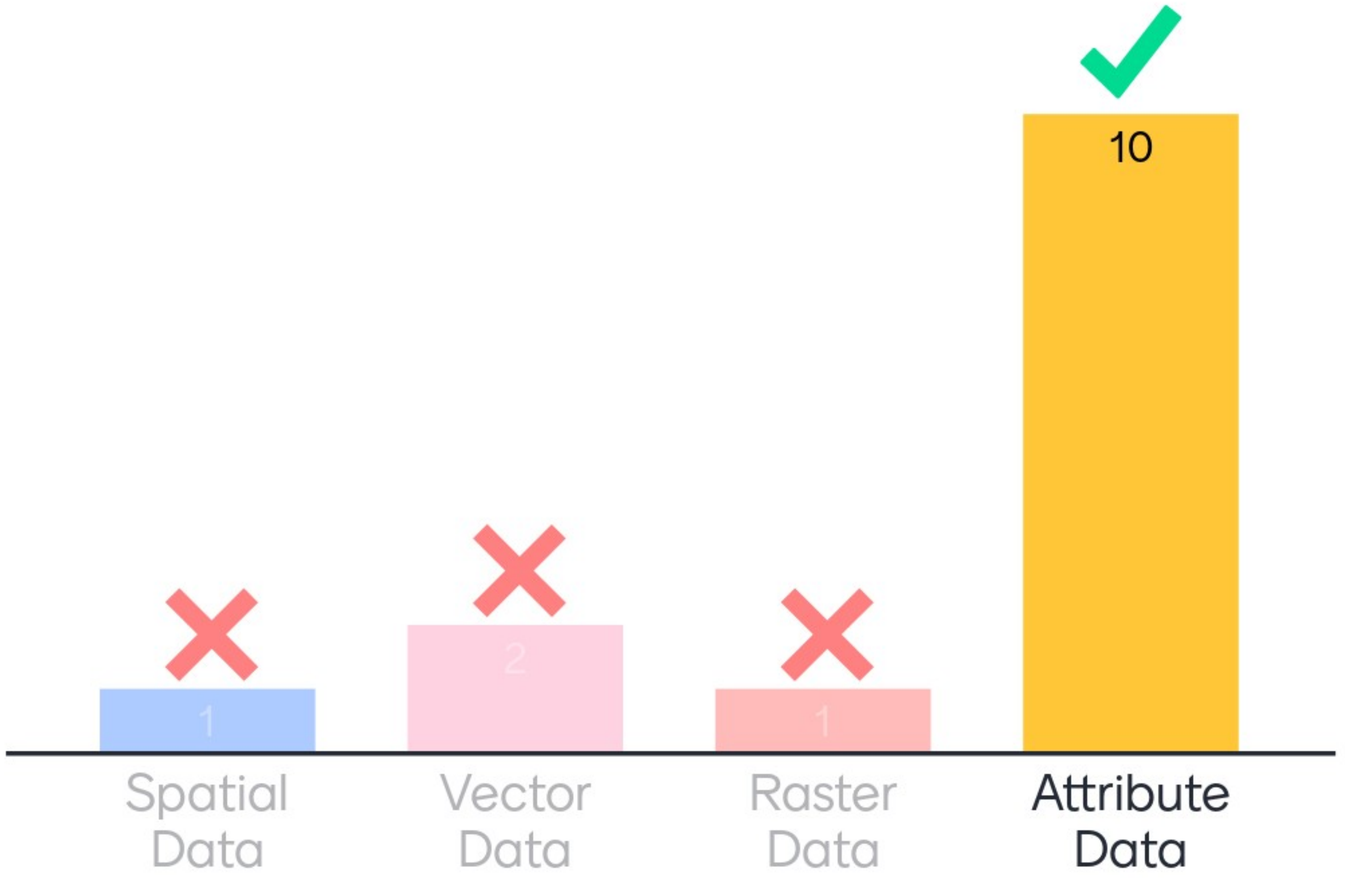


Mentimeter

13

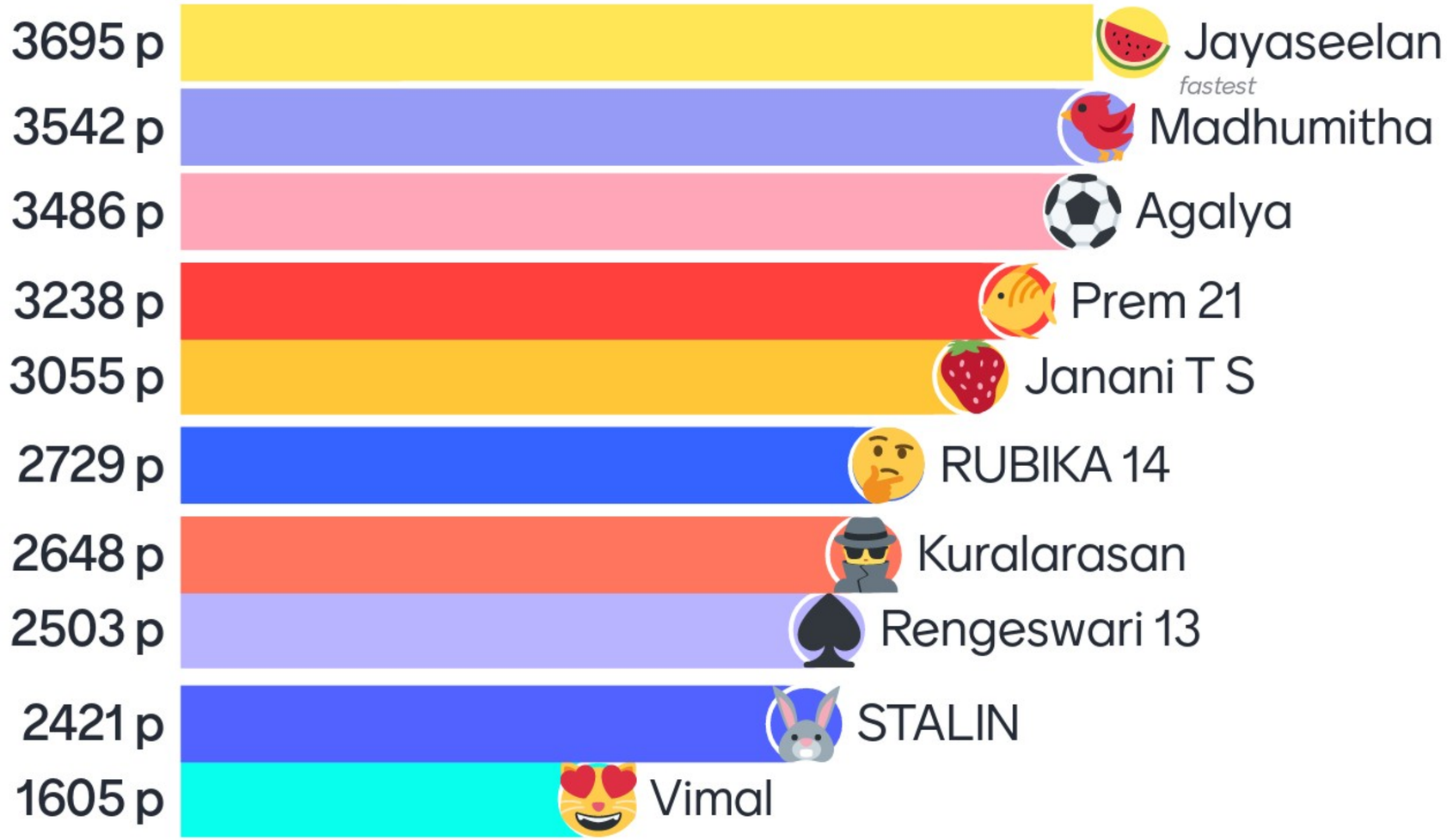
This data is also called as Non-Spatial Data ____

Mentimeter



14

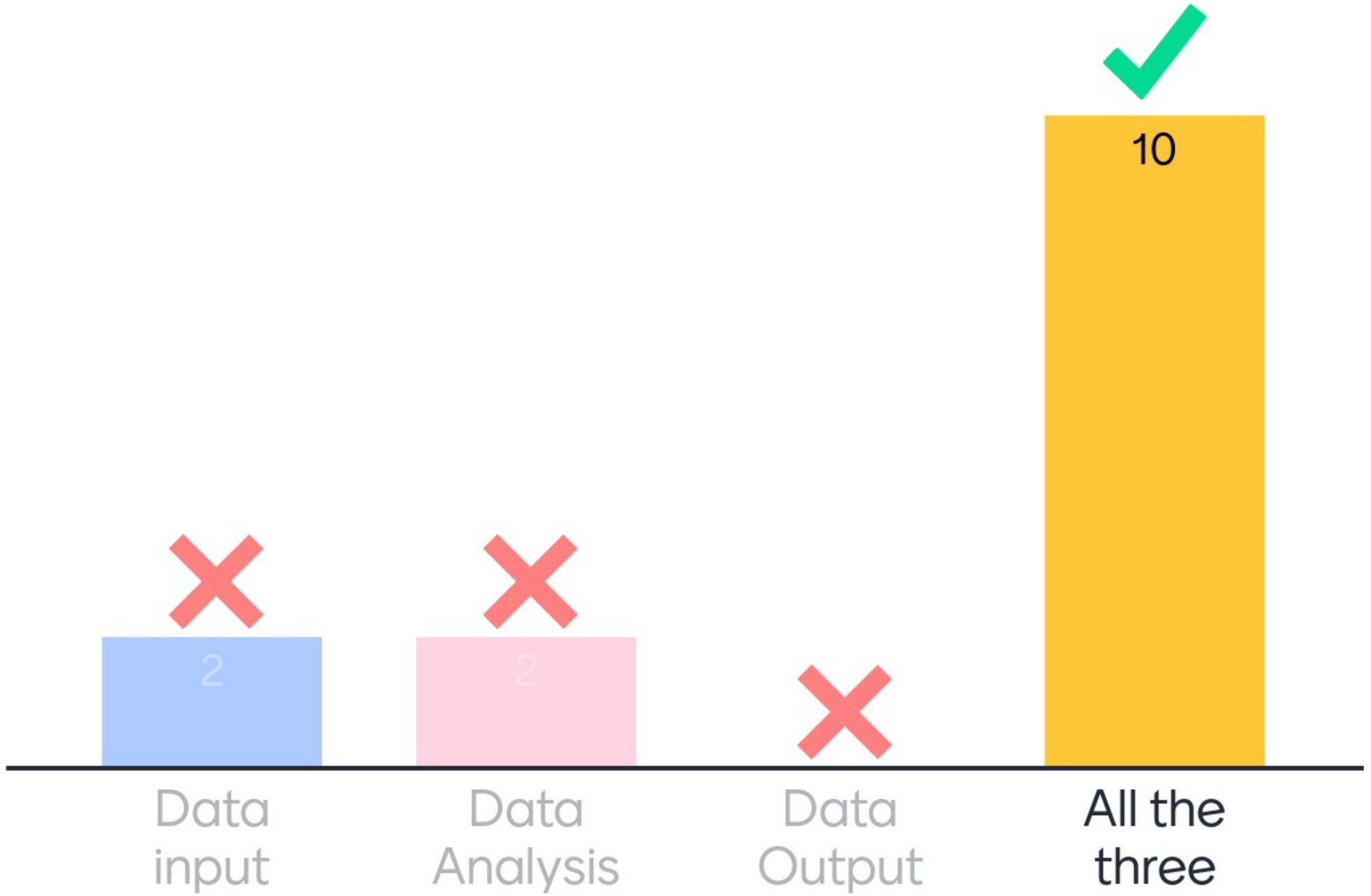
Leaderboard



Mentimeter

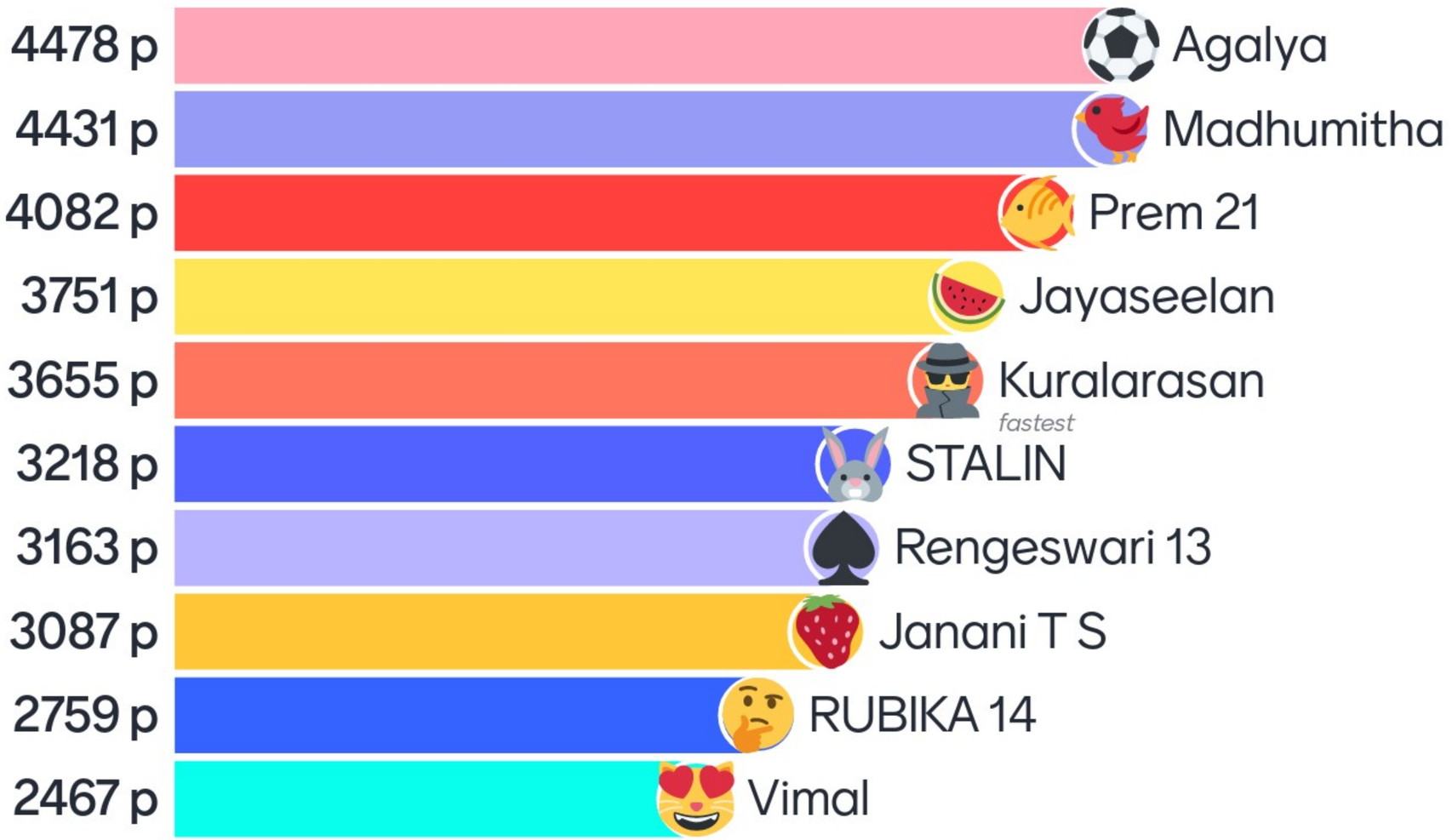
Which of the following is a function of GIS?

Mentimeter



14

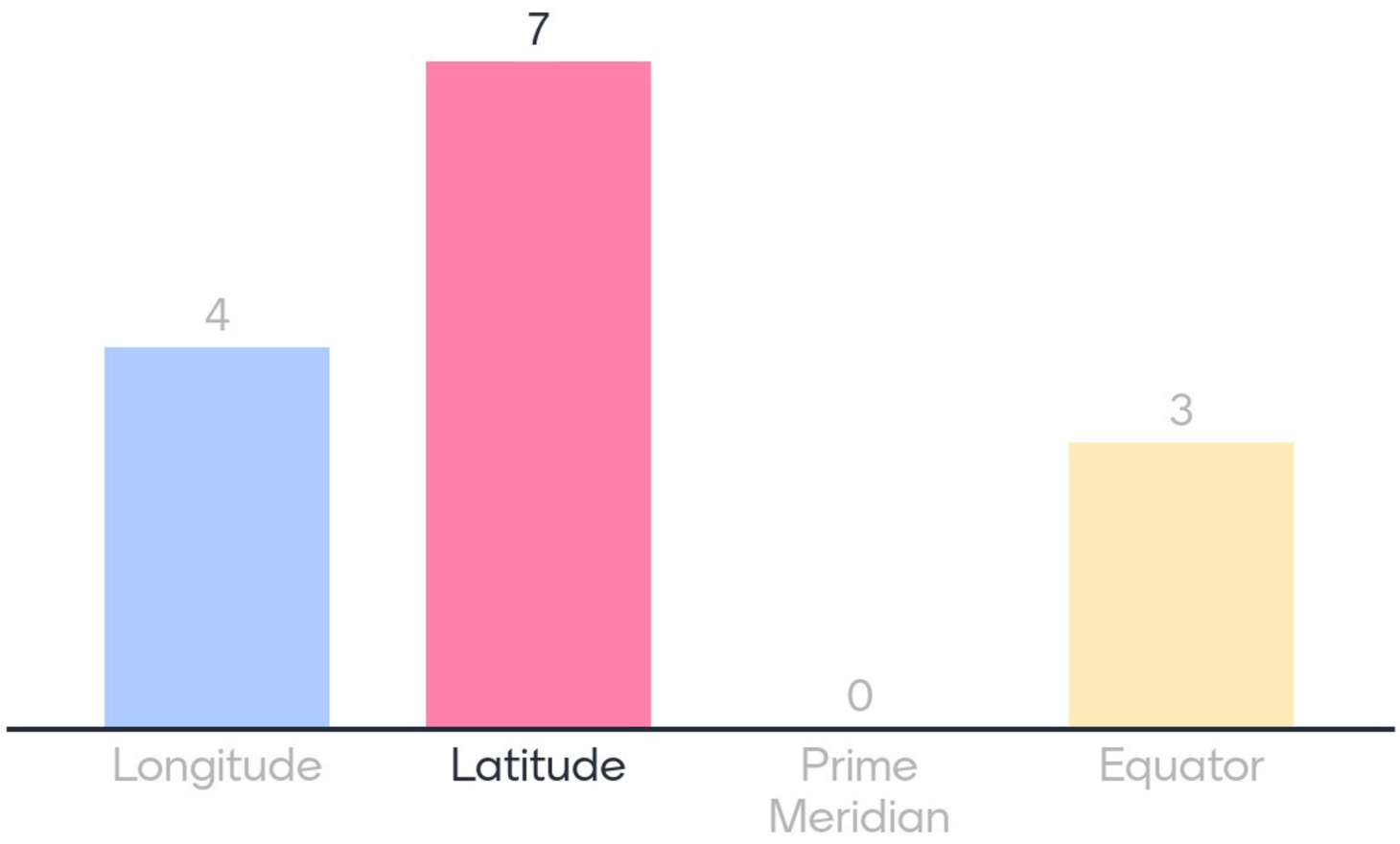
Leaderboard



Mentimeter

Imaginary lines that run horizontally around the globe is called ____

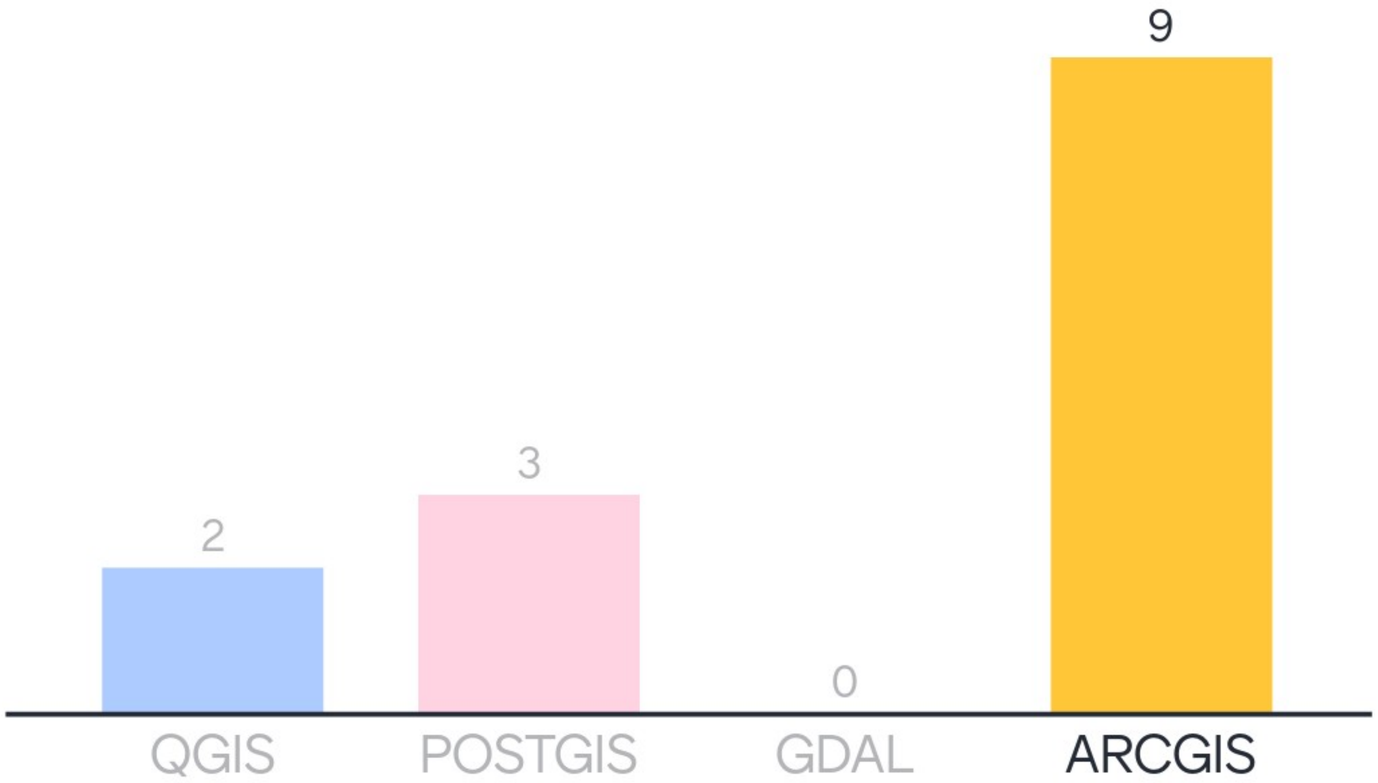
Mentimeter



14

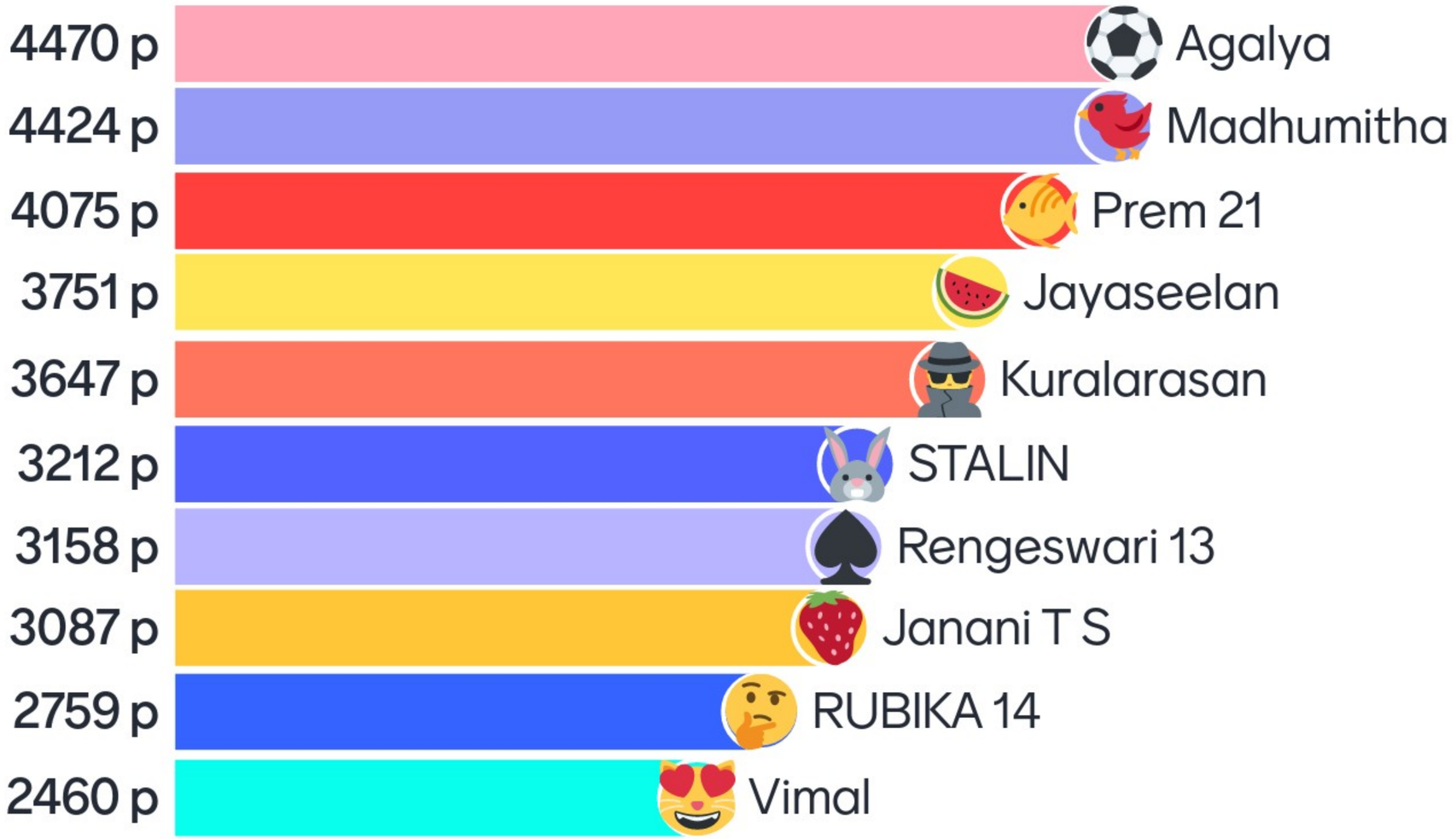
Which of the following is a Proprietary software?

Mentimeter



14

Leaderboard



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THANK YOU

Mentimeter