

Coding Question 1

In a college, there are 3 trainers, proficient in multiple programming languages or technologies as below

Each Trainer is proficient in a specific set of 3 Programming languages / Technologies and the subjects taught by each faculty are stored in a list after reading the inputs

I.e. one list for one trainer/faculty.

Since faculties are taking multiple subjects and the same subject can be taught by multiple faculties, Write the above inputs, Find out the unique list of programming languages or technologies, which can be taught in the college.

Display the Programming languages or technologies, known to these three trainers together, Common ie intersection

Input / Output

Input:

CPP

JAVA

BigData

DotNet

BigData

Data warehousing

Oracle DataBase

Informatica

BigData

Output:

BigData

CPP

Data warehousing

DotNet

Informatica

JAVA

Oracle DataBase

BigData

Note: In the above output first 7 values represent “ Unique list of technologies” from the three input list of technologies from three trainers Last value (BigData) represents the Common technology from the input lists, across all these three trainers