

# OUTPUT

Menu:

1. Display list of Departments
2. Create a new Department
3. Delete a Department
4. Display all Members based on departments
5. Create a Member and add to a department
6. Add new skill set to all members of a department
7. Swap department of a member
8. Display members based on given skill

Enter your option

1

Departments:

1. Data Science
2. Infrastructure

Press 1 if you want to continue.

Else, press 0

1

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2

Enter the name of the department to be created

Security

Enter member in this department

Enter the Name of the member

Rahul

Enter Age

21

Enter College

SMS

Enter number of skills

3

Enter the Skills

Algorithms

OOPS

Data Structures

Member added

Press 1 if you want to continue.

Else, press 0

1

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3

Enter the department to delete

1. Data Science
2. Infrastructure

1

Department Removed

Press 1 if you want to continue.

Else, press 0

1

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4

DEPARTMENT	MEMBER NAME
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Data Science	Gautham
Data Science	Divya
Infrastructure	Amit
Infrastructure	Naveen
Security	Rahul

Press 1 if you want to continue.

Else, press 0

1

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5

Enter the Name of the member

Rohan

Enter Age

22

Enter College

PESIT

Enter number of skills

3

Enter the Skills

Julia

Python

R

Add the member to any one of the following departments

1. Data Science

2. Infrastructure

3. Security

Enter Department option

1

Member added

Press 1 if you want to continue.

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1

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Enter your option

6

Enter the new skill

R

Enter the department

1. Data Science

2. Infrastructure

1

New skills added

Name: Gautham Skills: [Java, R, SQL, DS]

Name: Divya Skills: [Java, R, NOSQL, ML]

Press 1 if you want to continue.

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Enter your option

7

Enter the name of the member whose department you want to change:

Naveen

Enter the choice of department

1. Data Science
2. Infrastructure
3. Security

1

Press 1 if you want to continue.

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1

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8

Listing members according to skill

Enter the skill

Java

Members having Java skills:

Ignite Members:

Name: 'Gautham' College: 'VTU' Department: 'Data Science' Skills: [Java, SQL, DS]

Age: 28

Ignite Members:

Name: 'Divya' College: 'TGT' Department: 'Data Science' Skills: [Java, NOSQL, ML]

Age: 26

Press 1 if you want to continue.

Else, press 0

0

Process finished with exit code 0