

Output

Option 1:

```
phaseEndProject (1) [Java Application] C:\Program Files\Java\jdk-15.0.1\bin\javaw.exe (07-Feb-2022, 5:47:45 pm)
3.View all Classes
4.View all Subjects
5.Assign Class for a subject
6.Assign teachers to a class for a subject
7.View Class Report
8.Exit
Enter your Choice:
1
The Students are:
The Student Id : 1 and the name of the student is Devyani
The Student Id : 2 and the name of the student is Barkha
The Student Id : 3 and the name of the student is Anjali
The Student Id : 4 and the name of the student is Vidhi
The Student Id : 5 and the name of the student is Saniya
The Student Id : 6 and the name of the student is Nisha
Select An Option:
1.View all Students
2.View all teachers
3.View all Classes
4.View all Subjects
5.Assign Class for a subject
6.Assign teachers to a class for a subject
7.View Class Report
8.Exit
Enter your Choice:
1
The Students are:
The Student Id : 1 and the name of the student is Devyani
The Student Id : 2 and the name of the student is Barkha
The Student Id : 3 and the name of the student is Anjali
The Student Id : 4 and the name of the student is Vidhi
The Student Id : 5 and the name of the student is Saniya
The Student Id : 6 and the name of the student is Nisha
```

Option 2:

```
Select An Option:
1.View all Students
2.View all teachers
3.View all Classes
4.View all Subjects
5.Assign Class for a subject
6.Assign teachers to a class for a subject
7.View Class Report
8.Exit
Enter your Choice:
2
The teachers are :
The Teacher Id : 1 and the name of the Teacher is Rami
The Teacher Id : 2 and the name of the Teacher is Reva
The Teacher Id : 3 and the name of the Teacher is Abhigya
The Teacher Id : 4 and the name of the Teacher is olivia
Select An Option:
1.View all Students
2.View all teachers
3.View all Classes
4.View all Subjects
5.Assign Class for a subject
6.Assign teachers to a class for a subject
7.View Class Report
8.Exit
```

Option3:

```
Select An Option:
1.View all Students
2.View all teachers
3.View all Classes
4.View all Subjects
5.Assign Class for a subject
6.Assign teachers to a class for a subject
7.View Class Report
8.Exit
Enter your Choice:
3
The classes are :
The Class Id : 1 and the Class name is CS sem1
The Class Id : 2 and the Class name is CS sem2
The Class Id : 3 and the Class name is CS sem3
The Class Id : 4 and the Class name is CS sem4
Select An Option:
1.View all Students
2.View all teachers
3.View all Classes
4.View all Subjects
5.Assign Class for a subject
6.Assign teachers to a class for a subject
7.View Class Report
8.Exit
```

Option4:

```
Select An Option:
1.View all Students
2.View all teachers
3.View all Classes
4.View all Subjects
5.Assign Class for a subject
6.Assign teachers to a class for a subject
7.View Class Report
8.Exit
Enter your Choice:
4
The Subjects are :
The Subject Id : 1 and the Subject name is Calculus
The Subject Id : 2 and the Subject name is Physics
The Subject Id : 3 and the Subject name is Python
The Subject Id : 4 and the Subject name is Programming in c
The Subject Id : 5 and the Subject name is Data structure
The Subject Id : 6 and the Subject name is Switching theory
Select An Option:
1.View all Students
2.View all teachers
3.View all Classes
4.View all Subjects
5.Assign Class for a subject
6.Assign teachers to a class for a subject
7.View Class Report
8.Exit
Enter your Choice:
```

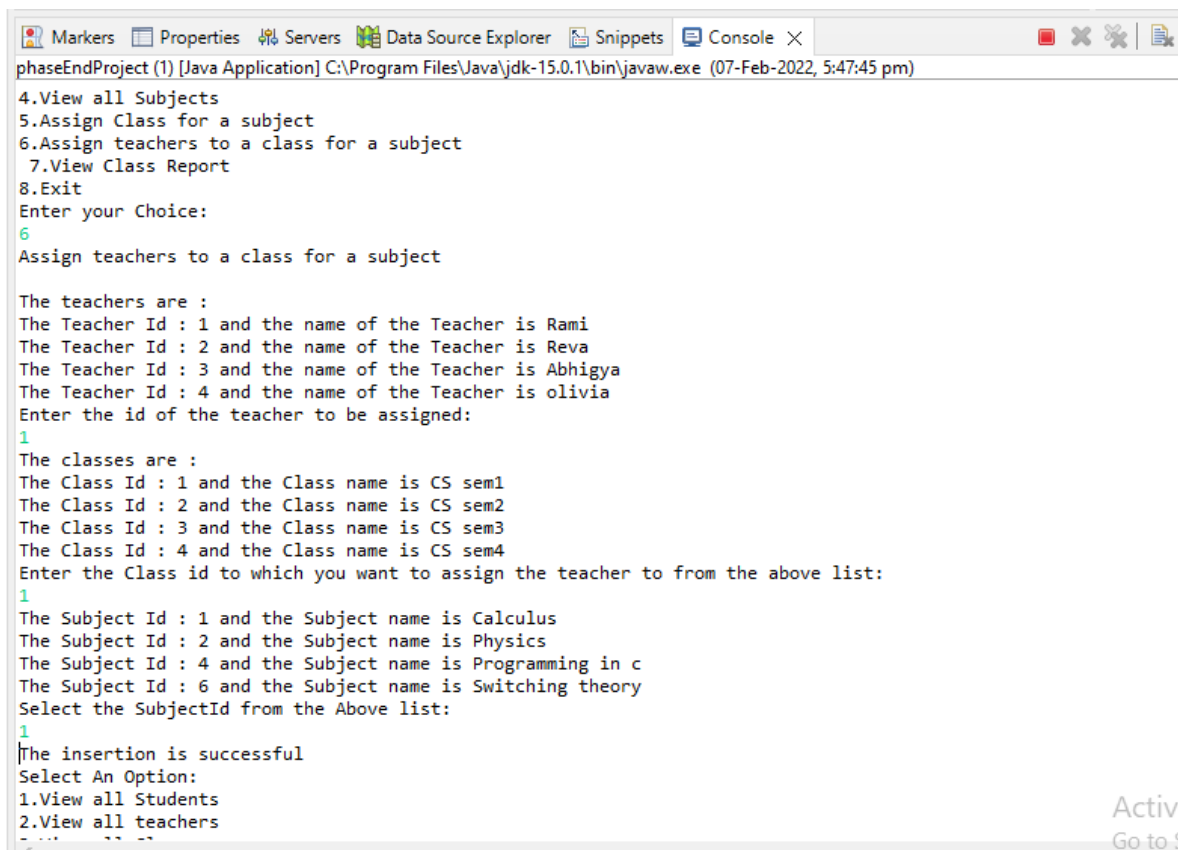
Option5:

```
Select An Option:
1.View all Students
2.View all teachers
3.View all Classes
4.View all Subjects
5.Assign Class for a subject
6.Assign teachers to a class for a subject
7.View Class Report
8.Exit
Enter your Choice:
5
Assign Class for a Subject

The classes are :
The Class Id : 1 and the Class name is CS sem1
The Class Id : 2 and the Class name is CS sem2
The Class Id : 3 and the Class name is CS sem3
The Class Id : 4 and the Class name is CS sem4
Enter the class id from the above list to which you want to assign a class to:
1

The Subjects are :
The Subject Id : 1 and the Subject name is Calculus
The Subject Id : 2 and the Subject name is Physics
The Subject Id : 3 and the Subject name is Python
The Subject Id : 4 and the Subject name is Programming in c
The Subject Id : 5 and the Subject name is Data structure
The Subject Id : 6 and the Subject name is Switching theory
Enter the subject id from the above list to assign to the class:
4
The insertion is successful
Select An Option:
```

Option 6:



The screenshot shows a Java application window titled "phaseEndProject (1) [Java Application] C:\Program Files\Java\jdk-15.0.1\bin\javaw.exe (07-Feb-2022, 5:47:45 pm)". The console output displays the menu for Option 6, where the user selects "6. Assign teachers to a class for a subject". The program then lists four teachers: Rami (ID 1), Reva (ID 2), Abhigya (ID 3), and olivia (ID 4). The user selects teacher ID 1. Next, the program lists four classes: CS sem1 (ID 1), CS sem2 (ID 2), CS sem3 (ID 3), and CS sem4 (ID 4). The user selects class ID 1. Then, the program lists six subjects: Calculus (ID 1), Physics (ID 2), Programming in c (ID 4), and Switching theory (ID 6). The user selects subject ID 1. Finally, the program confirms "The insertion is successful" and returns to the main menu.

```
Markers Properties Servers Data Source Explorer Snippets Console X
phaseEndProject (1) [Java Application] C:\Program Files\Java\jdk-15.0.1\bin\javaw.exe (07-Feb-2022, 5:47:45 pm)
4.View all Subjects
5.Assign Class for a subject
6.Assign teachers to a class for a subject
7.View Class Report
8.Exit
Enter your Choice:
6
Assign teachers to a class for a subject

The teachers are :
The Teacher Id : 1 and the name of the Teacher is Rami
The Teacher Id : 2 and the name of the Teacher is Reva
The Teacher Id : 3 and the name of the Teacher is Abhigya
The Teacher Id : 4 and the name of the Teacher is olivia
Enter the id of the teacher to be assigned:
1

The classes are :
The Class Id : 1 and the Class name is CS sem1
The Class Id : 2 and the Class name is CS sem2
The Class Id : 3 and the Class name is CS sem3
The Class Id : 4 and the Class name is CS sem4
Enter the Class id to which you want to assign the teacher to from the above list:
1

The Subject Id : 1 and the Subject name is Calculus
The Subject Id : 2 and the Subject name is Physics
The Subject Id : 4 and the Subject name is Programming in c
The Subject Id : 6 and the Subject name is Switching theory
Select the SubjectId from the Above list:
1
The insertion is successful
Select An Option:
1.View all Students
2.View all teachers
3.View all Classes
4.View all Subjects
5.Assign Class for a subject
6.Assign teachers to a class for a subject
7.View Class Report
8.Exit
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Option7:Class Report

phaseEndProject (1) [Java Application] C:\Program Files\Java\jdk-15.0.1\bin\javaw.exe (07-Feb-2022, 5:47:45 pm)

8.Exit

Enter your Choice:

7

Class Report

Class:CS sem1

The students list:

Saniya

Nisha

The subject list is:

Calculus

Physics

Programming in c

Switching theory

The teacher list is :

Rami teaches Calculus

Rami teaches Calculus

Rami teaches Calculus

Class:CS sem2

The students list:

Anjali

Vidhi

The subject list is:

No subjects are assigned to this class

The teacher list is :

No subjects are assigned to this class

Class:CS sem3

The students list:

Devyani

Barkha

The subject list is:

No subjects are assigned to this class

The teacher list is :

Abhigya teaches Switching theory

Class:CS sem4

The students list:

No students are there in this class

The subject list is:

No subjects are assigned to this class

The teacher list is :

No subjects are assigned to this class

Select An Option:

1.View all Students

2.View all teachers

3.View all Classes

4.View all Subjects

5.Assign Class for a subject

6.Assign teachers to a class for a subject

7.View Class Report

8.Exit

Enter your Choice: |

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When no subjects were assigned to the class:

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7.View Class Report
8.Exit
Enter your Choice:
6
Assign teachers to a class for a subject

The teachers are :
The Teacher Id : 1 and the name of the Teacher is Rami
The Teacher Id : 2 and the name of the Teacher is Reva
The Teacher Id : 3 and the name of the Teacher is Abhigya
The Teacher Id : 4 and the name of the Teacher is olivia
Enter the id of the teacher to be assigned:
5
The classes are :
The Class Id : 1 and the Class name is CS sem1
The Class Id : 2 and the Class name is CS sem2
The Class Id : 3 and the Class name is CS sem3
The Class Id : 4 and the Class name is CS sem4
Enter the Class id to which you want to assign the teacher to from the above list:
8
No subjects assigned to the class yet
  assign a subject first to assign a teacher
Select An Option:
1.View all Students
2.View all teachers
3.View all Classes
4.View all Subjects
5.Assign Class for a subject
6.Assign teachers to a class for a subject
7.View Class Report
8.Exit
Enter your Choice:
```

Exit Screen:

```
Select An Option:
1.View all Students
2.View all teachers
3.View all Classes
4.View all Subjects
5.Assign Class for a subject
6.Assign teachers to a class for a subject
7.View Class Report
8.Exit
Enter your Choice:
8
Thankyou
```