Output

Option 1:

```
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:
```
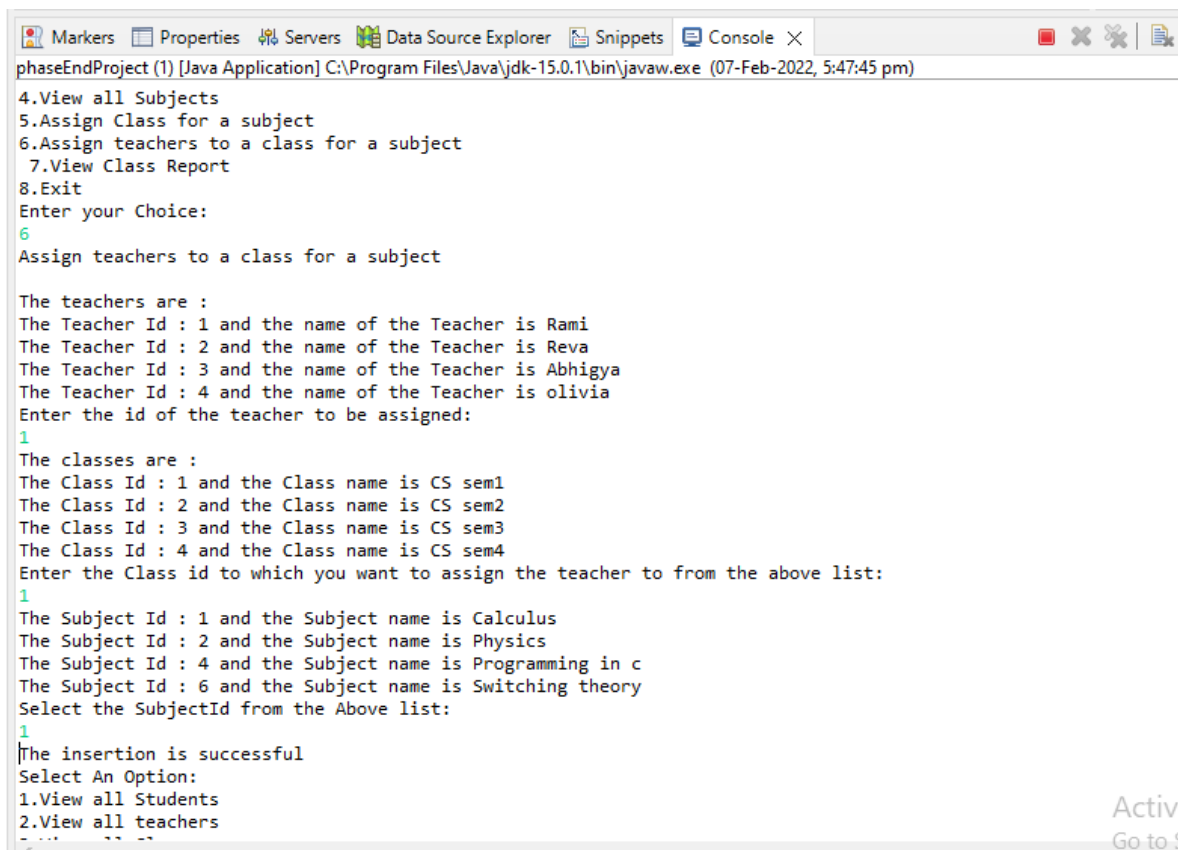
Option5:

```
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:

```
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
```

Option7:Class Report

```
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:
```

When no subjects were assigned to the class:

```
  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
```