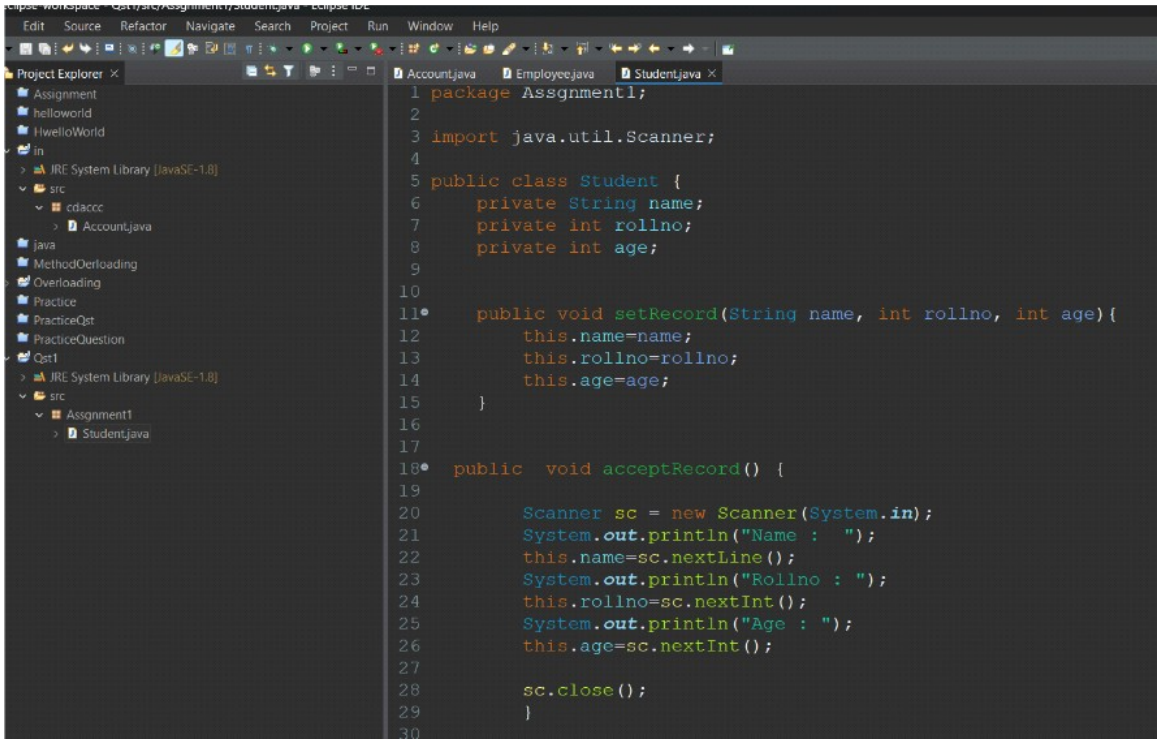
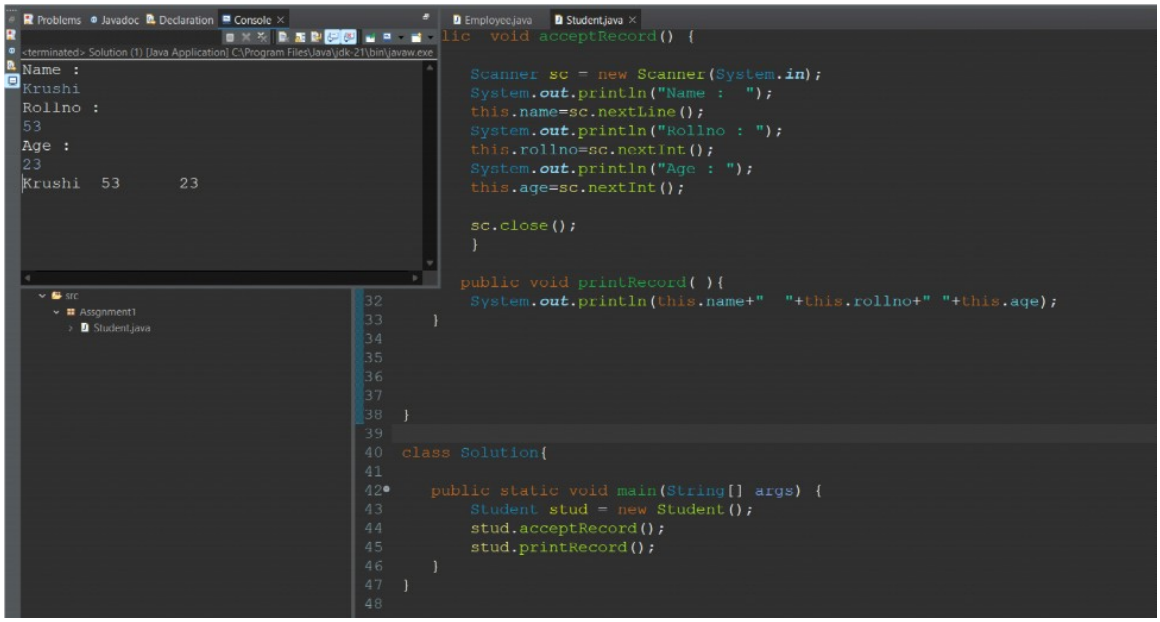
ASSIGNMENT NO : 4

Q1. Build a class Student which contains details about the Student and compile and run its instance.



```
package Assgnment1;

import java.util.Scanner;

public class Student {
    private String name;
    private int rollno;
    private int age;


    public void setRecord(String name, int rollno, int age){
        this.name=name;
        this.rollno=rollno;
        this.age=age;
    }


 public  void acceptRecord() {

        Scanner sc = new Scanner(System.in);
        System.out.println("Name :  ");
        this.name=sc.nextLine();
        System.out.println("Rollno : ");
        this.rollno=sc.nextInt();
        System.out.println("Age : ");
        this.age=sc.nextInt();

        sc.close();
        }
```



```
Name :
Krushi
Rollno :
53
Age :
23
Krushi  53      23
```

```
lic  void acceptRecord() {

   Scanner sc = new Scanner(System.in);
   System.out.println("Name :  ");
   this.name=sc.nextLine();
   System.out.println("Rollno : ");
   this.rollno=sc.nextInt();
   System.out.println("Age : ");
   this.age=sc.nextInt();

   sc.close();
   }

  public void printRecord( ){
   System.out.println(this.name+"  "+this.rollno+" "+this.age);
  }


}

class Solution{

   public static void main(String[] args) {
       Student stud = new Student();
       stud.acceptRecord();
       stud.printRecord();
   }
}
```

Q2.Write a Vehicle class with overloaded methods that have a different number of parameters.Demonstrate calling these overloaded methods with various numbers of arguments.

```
Accelerator speed is 100
Accelerator speed is 300
Accelerator brake is true
```

```java
package cdac.in.acts;

public class Vehicle {



    public static void accelerate(int speed) {

        System.out.println("Accelerator speed is " + speed);
    }

    public static void accelerate(int speed, boolean brake) {
        System.out.println("Accelerator speed is " + speed);
        System.out.println("Accelerator brake is " + brake);
    }

    public static void main(String[] args) {
        Vehicle.accelerate(100);
        Vehicle.accelerate(300, true);



    }

}
```

Q3. Create a class Employee with multiple overloaded methods that have different parameter types (e.g., int, double, String). Demonstrate calling each overloaded method with appropriate arguments

```
Employee name is Krushi
Employee id is 123
Employee salary is 4500.45
```

```java
package cdac;

public class Employee {



    public static void displayList(String name) {
        System.out.println("Employee name is " +name);
    }
    public static void displayList(int empid) {

        System.out.println("Employee id is " +empid);

    }
    public static void displayList(double salary) {
        System.out.println("Employee salary is " +salary);
    }

    public static void main(String[] args) {
        Employee.displayList("Krushi");
        Employee.displayList(123);
        Employee.displayList(4500.45d);


    }


}
```