

## 1) CREATING A CLASS PERSON

### PROGRAM:

```
import java.util.Scanner;
class person
{
    public String name;
    public int height,weight;
}
class student extends person
{
    int sub1,sub2,sub3,total;
    String study;
    String grade;
    public student()
    {
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter mane of student :");
        name=sc.nextLine();
        System.out.println("Enter class of student");
        study=sc.nextLine();
        System.out.println("Enter sub1 marks :");
        sub1=sc.nextInt(); System.out.println("Enter sub2 marks :");
        sub2=sc.nextInt();
        System.out.println("Enter sub2 marks :");
        sub3=sc.nextInt();
        total=sub1+sub2+sub3;
        grade="A";
        if(total>90)
        {
            grade="A";
        }
        if(total<90 && total>75)
        {
            grade="B";
        }
        if(total<75 && total>50)
        {
            grade="C";
        }
        if(total<50)
        {
            grade="Fail";
        }
    }
}
public class test
{
```

```
public static void main(String args[])
{
    student s=new student();
    System.out.println("\n\n"+"Displaying student information ");
    System.out.println("Student name is :"+s.name);
    System.out.println("Student class is "+s.study);
    System.out.println("Student total marks :"+s.total);
    System.out.println("Student grade :"+s.grade);
}
}
```

OUTPUT:

```
Enter mane of student :
SAI
Enter class of student
JAVA
Enter sub1 marks :
95
Enter sub2 marks :
90
Enter sub2 marks :
90

Displaying student information
Student name is :SAI
Student class is JAVA
Student total marks :275
Student grade :A
```