

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:

```

java -cp /tmp/f2NGTfymor/test
Enter name of student :
varun
Enter class of student
helllo
Enter sub1 marks :
100
Enter sub2 marks :
100
Enter sub2 marks :
20

Displaying student information
Student name is :varun
Student class is helllo
Student total marks :220
Student grade :A

=== Code Execution Successful ===

```