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import java.util.*;
public class Student
{
    private int studentid;
    private String studentname;
    private int mark1;
    private int mark2;
    private int mark3;
    private int total;
    private int average;

    public static void main(String[] a)
    {
        Student s = new Student();
        Scanner input = new Scanner(System.in);
        int x=0;
        while(x!=5) {
            System.out.println("1. Enter the information");
            System.out.println("2. Total marks");
            System.out.println("3. Average Marks");
            System.out.println("4. Grade");
            System.out.println("5. Exit");

            x=input.nextInt();
            switch(x)
            {
                case 1: System.out.println("Enter the student id");
                    s.studentid=input.nextInt();
                    System.out.println("Enter the student Name");
                    s.studentname=input.next();
                    System.out.println("Enter the student Mark1");
                    s.mark1=input.nextInt();
                    System.out.println("Enter the student Mark2");
                    s.mark2=input.nextInt();
                    System.out.println("Enter the student Mark3");
                    s.mark3=input.nextInt();
                    s.total=s.mark1+s.mark2+s.mark3;
                    s.average=s.total/3;
                    break;
                case 2:
                    s.total=s.mark1+s.mark2+s.mark3;
                    System.out.println("The total mark is "+s.total);
                    break;
                case 3:
                    s.average=s.total/3;
                    System.out.println("The Average is "+s.average);
                    break;
                case 4:
                    if(s.average > 90)
                        System.out.println("Your Grade is A+ ");
                    else if(s.average <= 90 && s.average>80)
                        System.out.println("Your Grade is A ");
                    else if(s.average <=80 && s.average>70)

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        System.out.println("Your Grade is B+ ");
    else if(s.average <=70 && s.average>60)
        System.out.println("Your Grade is B ");
    else if(s.average <= 60 && s.average>50)
        System.out.println("Your Grade is c ");
    else if(s.average<50)
        System.out.println("Your Grade is F ");

    break;
    case 5:
        x=5;
    }
}

}

}
```