

WEEK 2 LAB 4

```
import java.util.*;  
class student  
{
```

```
    private String usn, name;  
    private int credits, c;  
    private double marks, sgpa;  
    private int size;  
    private double gh();  
    Scanner sc = new Scanner(System.in);
```

```
    student()  
    {
```

```
        System.out.println("Enter number of subjects");  
        size = sc.nextInt();  
        credits = new int[size];  
        marks = new double[size];  
        gh = new double[size];  
        usn = " ";  
        name = " ";
```

```
    }
```

```
    void accept()  
    {
```

```
        System.out.println("Enter the name of the  
                             student");
```

```
        name = sc.nextLine();
```

```
        System.out.println("Enter usn of student");
```

```
        usn = sc.nextLine();
```

```
        for (int i = 0; i < size; i++)
```

```
        {
```

```
            System.out.println("Enter the marks  
                                obtained and credits sub" + (i+1));
```

```
            marks[i] = sc.nextDouble();
```

credits(i) = sc.nextInt();

void display()

```
{
    system.out.println("name:" + name);
    system.out.println("usrn" + usrn);
    system.out.println("----marks obtained----");
    for (int i = 0; i < rle; i++)
        system.out.println("sub" + (i + 1) + ": marks = " + marks(i) + " credits (i) + " grade-points = " + gh(i) + " ");
    system.out.printf("Scha: i. 2f\n", sgh);
}
```

void calc()

```
{
    double sum = 0, total = 0;
    for (int i = 0; i < s1u; i++)
    {
        sum = sum + credits(i);
        if (marks(i) >= 90)
        {
            total = total + (10 * credits(i));
            gh(i) = 10 * credits(i);
        }
        else if (marks(i) >= 70)
        {
            total = total + (9 * credits(i));
            gh(i) = 9 * credits(i);
        }
        else if (marks(i) >= 70)
        {

```


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1- calc cl;

s.display();

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