Assignment 02

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P5 – If, Else If, Else

Code :

```java
public class p5 {

    public static void main(String[] args) {

        int num = 69;

        System.out.println("Your Mark is : "+num);

        if(num > 100){

            System.out.println("Plese Input a Valid Mark out of 100 !");

        }

        else if(num == 100){
            System.out.println("100/100 , Keep it up my CHAD :D \n Your Grade is
: S+");
        }

        else if(num < 100 && num > 90){
            System.out.println("Your Grade is : S");
        }

        else if(num < 91 && num > 80){
            System.out.println("Your Grade is : A");
        }

        else if(num < 81 && num > 70){
            System.out.println("Your Grade is : B");
        }
```

```java
        else if(num < 71 && num > 60){
            System.out.println("Your Grade is : C");
        }

        else if(num < 61 && num > 50){
            System.out.println("Your Grade is : D");
        }

        else if(num < 51 && num > 39){
            System.out.println("Your Grade is : E");
        }

        else {

            System.out.println("You have FAILED 😵 \n Your Grade is : F");

        }

    }

}
```
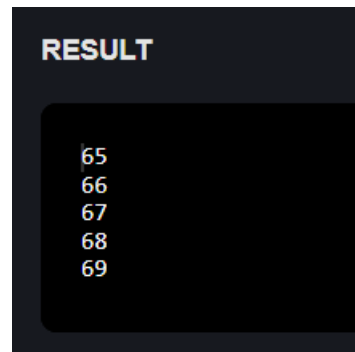
Output :

```
RESULT

Your Mark is : 69
Your Grade is : C
```

```
RESULT

Your Mark is : 100
100/100 , Keep it up my CHAD :D
 Your Grade is : S+
```

```
RESULT

Your Mark is : 20
You have FAILED 😵
 Your Grade is : F
```

P6 – While Loop

Code :

```java
public class p6 {

    public static void main(String[] args) {

        for (int x = 65; x <70; x++) {

            System.out.println(x);

        }

    }
}
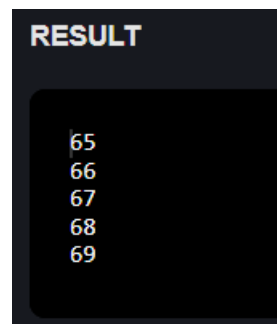```

**Output :**

```
RESULT

65
66
67
68
69
```

P7 – For Loop

Code :

```
public class p7 {

    public static void main(String[] args) {

        int x = 65;

        while(x <70) {

            System.out.println(x);
            x++;

        }

    }

}
```

Output:

RESULT

```
65
66
67
68
69
```