

ADDON DAY-1

1)write a java program that takes a number from the user and generates an integer between 1 and 7.it display the weekda y name

```
import java.util.Scanner;
public class Main
{
    public static void main(String[] args) {
        int number;
        Scanner i = new Scanner(System.in);
        System.out.println("Input number");
        int a=i.nextInt();
        switch(a)
        {
            case 1:
                System.out.println("Mon");
                break;
            case 2:
                System.out.println("Tue");
                break;
            case 3:
                System.out.println("Wed");
                break;
            case 4:
                System.out.println("Thur");
                break;
            case 5:
                System.out.println("Fri");
                break;
            case 6:
                System.out.println("Sat");
                break;
            case 7:
                System.out.println("Sun");
                break;
        }
    }
}
```

```
}  
output:  
  Input number  
1  
  Mon
```

```
Input number  
2  
Tue
```

```
Input number  
3  
Wed
```

```
Input number  
4  
Thur
```

```
Input number  
5  
Fri
```

```
Input number  
6  
Sat
```

```
Input number  
7  
Sun
```

2)switch case traffic signal rules:write a program that takes a traffic signal color as input(red,yellow,green)and prints:"stop"for red "yellow"get ready "green"go

```
import java.util.Scanner;
```

```
public class Main
```

```
{  
    public static void main(String[] args) {  
        Scanner t = new Scanner(System.in);  
        String color;  
        System.out.println("Enter the colour:");  
        String c=t.nextLine();  
        switch(c)  
        {  
            case "red":  
                System.out.println("stop");  
                break;  
            case "yellow":  
                System.out.println("Get Ready");  
                break;  
            case "green":  
                System.out.println("Go");  
                break;  
            default:  
                System.out.println("out the action");  
        }  
    }  
}
```

output:

Enter the colour:

green

Go

Enter the colour:

yellow

Get Ready

Enter the colour:

red

Stop

3) using nested for loop in row&col:

```
public class Main {  
    public static void main(String[] args) {  
        int arr[][]={{1,2,3,4},{5,6,7,8}};  
        for(int i=0;i<arr.length;i++)  
        {  
            for(int j=0;j<arr.length;j++)  
            {  
                System.out.println(arr[i][j]+" ");  
            }  
        }  
        System.out.println(" ");  
    }  
}
```

Output:

1
2
5
6

4)using array sum of numbers and count:

```
public class Main {  
    public static void main(String[] args) {  
        int arr[]={1,2,3,4};  
        int sum=0;  
        int count=0;  
        for(int i=0;i<arr.length;i++){  
            sum=sum+arr[i];  
            count++;  
            System.out.println(sum);  
            System.out.println("count is"+sum);  
        }  
    }  
}
```

output:

1
count is1

3

count is3

6

count is6

10

count is10

5)using array adding the one number to another number:

```
public class Main
{
    public static void main(String[] args)
    { int arr[]={1,2,3,4};
      int sum=0;
      for(int i=0;i<arr.length;i++)
      {
          sum += arr[i];
          System.out.println(sum);
      }

    }
}
```

Output:

1

3

6

10