

### Assignment - 3

① Program to write first 10 Numbers.

Package Numprograms;

Public class firstNum {

Public static void main (String[] args) {

System.out.println("The First 10 Numbers are");

for (int i=1; i≤10; i++)

{ System.out.println(i);

}

}

output: 1 2 3 4 5 6 7 8 9 10.

② Program to calculate sum of first 10 natural Number.

Public class sum {

Public static void main (String[] args) {

int i;

System.out.println("The first 10 natural numbers are: \n");

for (i=1; i≤10; i++)

{ System.out.println(i);

System.out.println("\n");

}

}

③ Make the loop stop when i is 5

```
class loopstop {
```

```
    public static void main(String[] args) {
```

```
        for (int i = 1; i <= 10; i++) {
```

```
            if (i == 5) {
```

```
                break;
```

```
            System.out.println(i);
```

```
        }
```

④ Write a program to print day of week name using switch case.

```
int day;
```

```
Print("Enter weekday number (1-7)");
```

```
Switch (day)
```

```
{ case 1:
```

```
    Print("1 - Sunday");  
    break;
```

```
case 2;
```

```
    Print("2 - Monday");  
    break;
```

```
case 3:
```

```
    Print("3 - Tuesday");  
    break;
```

```
case 4:
```

```
    Print("4 - Wednesday");  
    break;
```

```
case 5:
```

```
    Print("5 - Thursday");  
    break;
```

```
case 6:
```

```
    Print("6 - Friday");
```

```
    break;
```

```
case 7:
```

```
    Print("7 - Saturday");  
    break;
```

①. write a program print total no. of days in month.  
using switch case.

```
int main()
{
    int month;
    int days;
    printf("enter month: ");
    switch(month)
    {
        case 4:
            case 6:
            case 9:
            case 11:
                days = 30;
                break;
            case 1:
            case 3:
            case 5:
            case 7:
            case 8:
            case 10:
            case 12:
                days = 31;
                break;
            case 2:
                days = 28;
                break;
            default:
                days = 0;
                break;
    }
}
```