

Loops

Date: 6th Feb 2024

```
package Loops;

public class forLoop9_printMsgMultipleTimes
{
    public static void main(String[] args)
    {
        //      for(int i=1; i<6; i++)
        //      {
        //          System.out.println("hi");
        //      }

        for(int i=1; i<=5; i++)
        {
            System.out.println("hi");
        }
    }
}

package Loops;

public class whileLoop1_printNumFrom_1_to_5
{
    public static void main(String[] args)
    {
        //start num: 1
        //end num: 5
        //incr/decr: incr by 1

        int i=1;      //start num

        //      6<=5
        while(i<=5)    //end num condition
        {
            System.out.println(i);    //1 2 3 4 5

            i++;    //6    //incr /decr
        }
    }
}
```

```

package Loops;

public class whileLoop2_printNumFrom_10_to_6
{
    public static void main(String[] args)
    {
        int i=10;

        //      5>=6
        while(i>=6)
        {
            System.out.println(i);      //10  9 8 7 6

            i--;    // 5
        }
    }
}

```

```

package Loops;

public class whileLoop3_printEvenNumFrom_2_to_6
{
    public static void main(String[] args)
    {
        int i=2;

        //      8<=6
        while(i<=6)
        {
            System.out.println(i);      //2  4  6

            i=i+2;      //2+2=4+2=6+2=8
        }
    }
}

```

```

package Loops;

public class whileLoop4_printEvenNumFrom_8_to_2
{
    public static void main(String[] args)
    {
        int i=8;

        while(i>=2)
        {
            System.out.println(i);

            i=i-2;
        }
    }
}

```

```
package Loops;

public class whileLoop5_printMsgMultipleTimes
{
    public static void main(String[] args)
    {
        int i=1;

        while(i<=10)
        {
            System.out.println("Hi");

            i++;
        }
    }
}
```