

Loops

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```
package Loops;

public class forLoop1_printNumFrom1_to_5
{
    public static void main(String[] args)
    {
        // print num from 1 to 5

        //start num: 1
        //end num: 5
        //incr/decr: incr by 1

        //      6<=5      6
        for(int i=1; i<=5; i++)
        {
            System.out.println(i);           //1  2 3 4 5
        }
    }
}
```

```
package Loops;

public class forLoop2_printNumFrom5_to_9
{
    public static void main(String[] args)
    {
        //start num: 5
        //end num: 9
        //incr/decr: incr by 1

        //      5      10<=9      10
        for(int i=5; i<=9; i++)
        {
            System.out.println(i);           //5  6 7 8 9
        }
    }
}
```

```

package Loops;

public class forLoop3_printNumFrom5_to_1
{
    public static void main(String[] args)
    {
        //start num: 5
        //end num: 1
        //incr/decr: decr by 1

        //          0>=1    0
        for(int i=5; i>=1; i--)
        {
            System.out.println(i);          //5  4  3  2  1
        }
    }
}

```

```

package Loops;

public class forLoop4_printNumFrom100_to_50
{
    public static void main(String[] args)
    {
        for(int i=20; i>=10; i--)
        {
            System.out.println(i);
        }
    }
}

```

```

package Loops;

public class forLoop5_printEvenNumFrom2_to_8
{
    public static void main(String[] args)
    {
        //start num: 2
        //end num: 8
        //incr/decr: incr by 2

        //          10<=8      2+2=4+2=6+2=8+2=10
        for(int i=2; i<=8; i=i+2)
        {
            System.out.println(i);          //2  4  6  8
        }
    }
}

```

```

package Loops;

public class forLoop6_printOddNumFrom11_to_33
{
    public static void main(String[] args)
    {
        for(int i=11; i<=33; i=i+2)
        {
            System.out.println(i);
        }
    }
}

```

```

package Loops;

public class forLoop7_printEvenNumFrom6_to_2
{
    public static void main(String[] args)
    {
        //          0>=2      6-2=4-2=2-2=0
        for(int i=6; i>=2; i=i-2)
        {
            System.out.println(i);      //6  4  2
        }
    }
}

```

```

package Loops;

public class forLoop8_printOddNumFrom51_to_11
{
    public static void main(String[] args)
    {
        for(int i=51; i>=11; i=i-2)
        {
            System.out.println(i);
        }
    }
}

```