

Datatypes:

```
package javaprograms;
```

```
public class Datatypes {
```

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

```
    {
```

```
        System.out.println("hello");
```

```
    }
```

```
}
```

Do while loop:

```
package javaprograms;

public class Dowhileloop {

    public static void main(String[] args) {

        // TODO Auto-generated method stub

        int i=1;

do
{

    System.out.println("today is wednesday");

    i++;

}while(i<=4);

System.out.println("printed the meswsage");

    }

}
```

For loop:

```
package javaprograms;
```

```
public class Forloop {
```

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

```
        // TODO Auto-generated method stub
```

```
        int i;
```

```
        for(i=100;i>=50;i--)
```

```
        {
```

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

```
        }
```

```
        System.out.println("out of loop");
```

```
    }
```

```
}
```

While loop:

```
package javaprograms;

public class Whileloop {

    public static void main(String[] args) {

        // TODO Auto-generated method stub

        int i=1;

        while(i<=10)

        {

            System.out.println(i);

            i++;

        }

        System.out.println("printed values from 1 to 10");

    }

}
```

Inbuildmethod:

```
package javaprograms;
```

```
public class Inbuildmethod2 {
```

```
    public static void main(String[] args) {  
        // TODO Auto-generated method stub  
        String title="simplylearn online course";  
        String title2="practice labs java";  
        if(title.contains("simplylearn"))  
        {  
            System.out.println("title is valid");  
        }  
        else  
        {  
            System.out.println("title is failed");  
        }  
        if(title.equals("simplylearn online course"))  
        {  
            System.out.println("valid");  
        }  
        else  
        {  
            System.out.println("not valid");  
        }  
    }  
}
```

```
String result=title2.substring(14);  
if(result.equals("java"))  
{  
    System.out.println("string is valid");  
}  
else  
{  
    System.out.println("string is invalid");  
}
```

```
}}
```

Inbuildmethod2

```
package javaprograms;
```

```
public class Inbuiltmethod {
```

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

```
        // TODO Auto-generated method stub
```

```
        String s1="selenium";
```

```
        String s2="training";
```

```
        String s3=s1+s2;
```

```
        String s4=s1.concat(s2);
```

```
        System.out.println("concatination usingh:" +s3);
```

```
        System.out.println("concaination using mehod:" +s4);
```

```
    }
```

```
}
```