

JAVA - FLOOR() METHOD

Description:

The method floor gives the largest integer that is less than or equal to the argument.

Syntax:

This method has following variants:

```
double floor(double d)
double floor(float f)
```

Parameters:

Here is the detail of parameters:

- A double or float primitive data type

Return Value:

- This method Returns the largest integer that is less than or equal to the argument. Returned as a double.

Example:

```
public class Test{
    public static void main(String args[]){
        double d = -100.675;
        float f = -90;

        System.out.println(Math.floor(d));
        System.out.println(Math.floor(f));

        System.out.println(Math.ceil(d));
        System.out.println(Math.ceil(f));
    }
}
```

This produces the following result:

```
-101.0
-90.0
-100.0
-90.0
```