JAVA - VALUEOF() METHOD

Description:

The valueOf method returns the relevant Number Object holding the value of the argument passed. The argument can be a primitive data type, String, etc.

This method is a static method. The method can take two arguments, where one is a String and the other is a radix.

Syntax:

All the variants of this method are given below:

```
static Integer valueOf(int i)
static Integer valueOf(String s)
static Integer valueOf(String s, int radix)
```

Parameters:

Here is the detail of parameters:

- **i** -- An int for which Integer representation would be returned.

- **s** -- A String for which Integer representation would be returned.

- **radix** -- This would be used to decide the value of returned Integer based on passed String.

Return Value:

- **valueOf(int i):** This returns an Integer object holding the value of the specified primitive.

- **valueOf(String s):** This returns an Integer object holding the value of the specified string representation.

- **valueOf(String s, int radix):** This returns an Integer object holding the integer value of the specified string representation, parsed with the value of radix.

```
public class Test{

   public static void main(String args[]){

      Integer x =Integer.valueOf(9);
      Double c = Double.valueOf(5);
      Float a = Float.valueOf("80");

      Integer b = Integer.valueOf("444",16);

      System.out.println(x);
      System.out.println(c);
      System.out.println(a);
      System.out.println(b);
   }
}
```

This produces the following result:

```
9
5.0
80.0
1092
```