4. Writing a program in Java to verify the implementations of constructor type

**ALGORITHM**

**Step 1:** Start

**Step 2:** Create default constructor with same class name

**Step 3:** Assign default value to variables

**Step 4:**Create parameterized constructor with arguments

**Step 5:** Call the default constructor

**Step 6:** call the parameterized constructor by passing value.

**Step 7:**Stop

**SOURCE CODE**

```
//Implementation of constructor type
package assistedPracticeProject;

public class Practice_Project4
{
	Practice_Project4()   //default constructor
	{
		System.out.println("---DEFAULT CONSTRUCTOR---\n");
		String name="default";   //assigning default value to 'name'
		System.out.println("NAME = "+name);
	}
	Practice_Project4(String name,int age) //constructor with arguments
	{
		String n=name;          // assigning called value to constructor variable
		int a=age;
		System.out.println("\n---PARAMETERIZED CONSTRUCTOR---\n");
		System.out.println("NAME = "+n);
```

```
        System.out.println("AGE = "+a);


    }
    public static void main(String args[])
    {
        Practice_Project4 p1=new Practice_Project4(); //creating default constructor
        Practice_Project4 p2=new Practice_Project4("parameterized",33); //creating parameterized constructor
    }
}
```

**OUTPUT**