

Q.1– Write a program to print your name.

```
package Quiz;

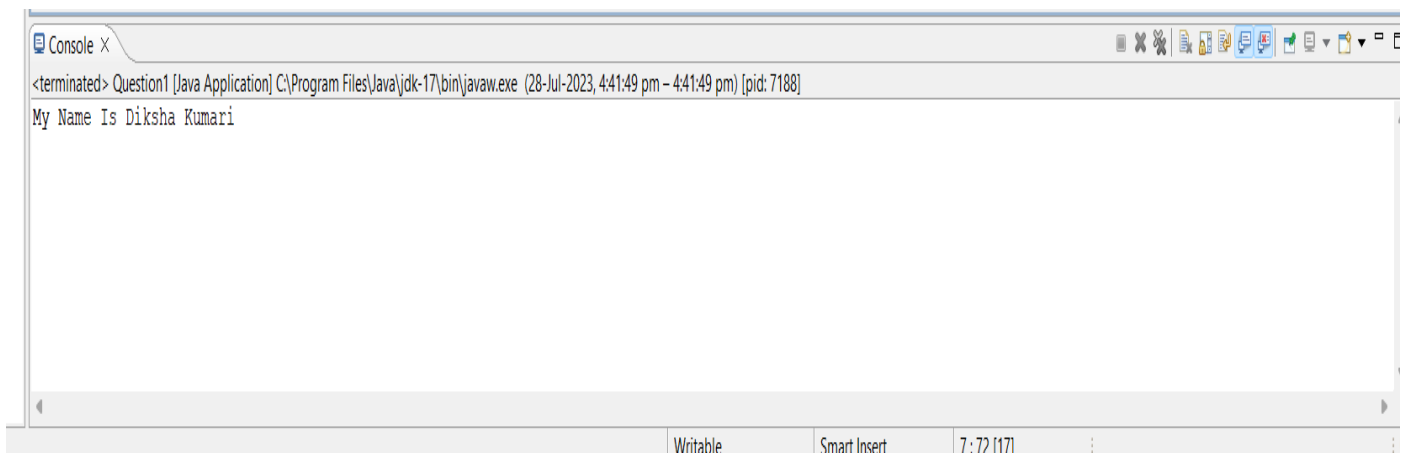
public class Question1 {

    public static void main(String[] args) {
        //Q.1-Write a program to print your name.

        System.out.println("My Name Is Diksha Kumari"); //print your name
    }

}
```

Output:-

A screenshot of a Java console window titled 'Console X'. The window shows the execution of a Java application. The first line of output is '<terminated> Question1 [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (28-Jul-2023, 4:41:49 pm - 4:41:49 pm) [pid: 7188]'. The second line of output is 'My Name Is Diksha Kumari'. The console window has a standard toolbar at the top and a status bar at the bottom showing 'Writable', 'Smart Insert', and '7:72:1171'.

Q.2– Write a program to multiply two floating values and print the product.

```
package Quiz;

public class Question2 {

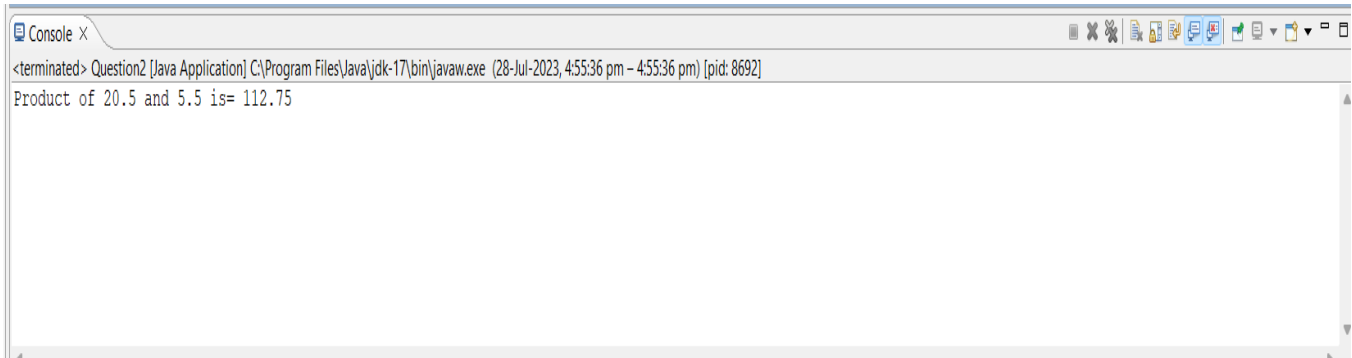
    public static void main(String[] args) {
        // Write a program to multiply two floating values and print the product.

        float a=20.5f, b=5.5f, c; //initialize two float value
        c=a*b; // multiply a and b and save in c

        System.out.println("Product of "+a+" and "+b+" is = "+c); //print the
        product of a and b in c
    }

}
```

Output:-



```
<terminated> Question2 [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (28-Jul-2023, 4:55:36 pm - 4:55:36 pm) [pid: 8692]
Product of 20.5 and 5.5 is= 112.75
```

Q. 3– Write a program for logical operators.

```
package Quiz;

public class Question3 {

    public static void main(String[] args) {
        // Q.3-Write a program for logical operators.
        boolean a=true,b=false; //initialize boolean value for two variable
        System.out.println("-----Logical Operators-----");

        System.out.println("Logical Operator AND (&&):: "+a+" && "+b+" = "+(a && b));
        //AND logical Operator

        System.out.println("Logical Operator OR (||):: "+a+" || "+b+" = "+(a || b)); //OR
        Logical Operator

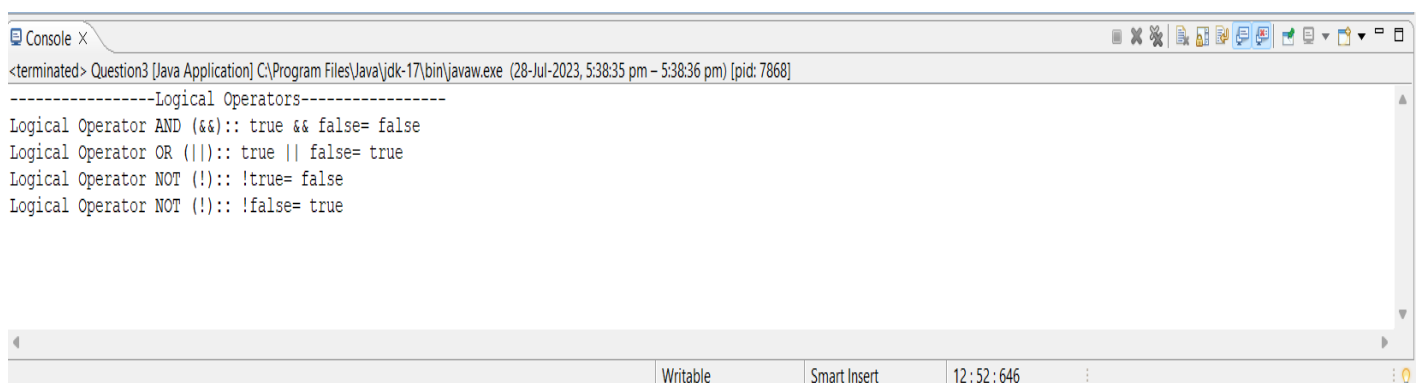
        System.out.println("Logical Operator NOT (!):: !" +a+"= " +(!a)); //Not logical
        Operator for variable a

        System.out.println("Logical Operator NOT (!):: !" +b+"= " +(!b)); //Not logical
        Operator for variable b

    }

}
```

Output:-



```
<terminated> Question3 [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (28-Jul-2023, 5:38:35 pm - 5:38:36 pm) [pid: 7868]
-----Logical Operators-----
Logical Operator AND (&&):: true && false= false
Logical Operator OR (||):: true || false= true
Logical Operator NOT (!):: !true= false
Logical Operator NOT (!):: !false= true
```

Q. 4– Write a program to print size of primitive datatypes.

```
package Quiz;

public class Question4 {

    public static void main(String[] args) {
        //Q.4-Write a program to print size of primitive datatypes.
        System.out.println("-----Size of primitive Datatypes-----
        --");

        System.out.println( "Size of Intezer datatype : "+Integer.SIZE); //Size of integer
        datatype

        System.out.println( "Size of Float datatype : "+Float.SIZE); //Size of float
        datatype

        System.out.println("Size of Short datatype : "+Short.SIZE); //Size of short datatype

        System.out.println("Size of Byte datatype : "+Byte.SIZE); //Size of Byte datatype

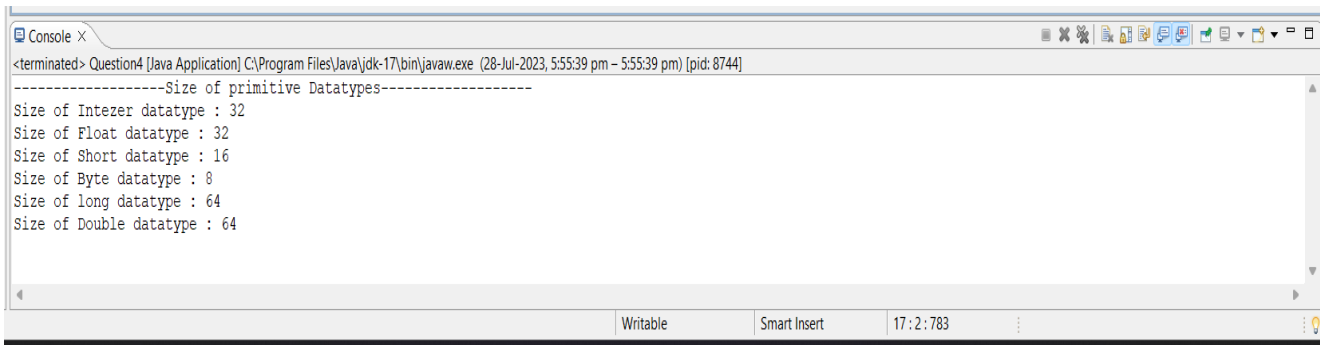
        System.out.println("Size of long datatype : "+Long.SIZE); //Size of long datatype

        System.out.println("Size of Double datatype : "+Double.SIZE); //Size of double
        datatype

    }

}
```

Output:-



```
<terminated> Question4 [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (28-Jul-2023, 5:55:39 pm - 5:55:39 pm) [pid: 8744]
-----Size of primitive Datatypes-----
Size of Intezer datatype : 32
Size of Float datatype : 32
Size of Short datatype : 16
Size of Byte datatype : 8
Size of long datatype : 64
Size of Double datatype : 64
```

Q. 5– Write a program to convert integer value to double and print both values.

```
package Quiz;

public class Question5 {

    public static void main(String[] args) {
        // Write a program to convert integer value to double and print both values.
        int a=20;
        System.out.println("Print the integer value :"+a); //print the integer value

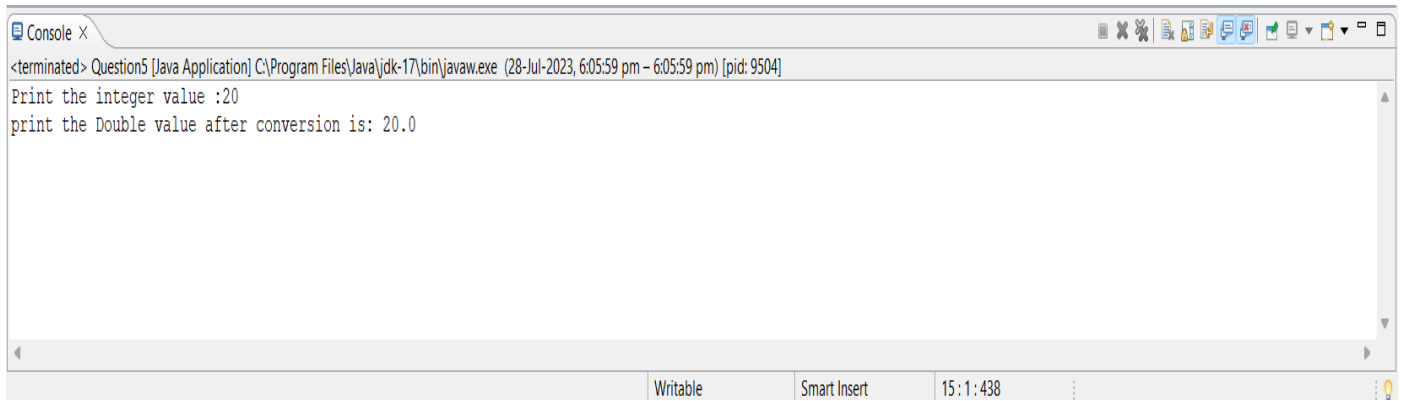
        double d=(double) a; //Widening type casting

        System.out.println("print the Double value after conversion is: "+d);
        // Convert the integer Value to Double Value
    }

}
```

```
}  
  
}
```

Output:-



The screenshot shows a Java IDE console window titled "Console X". The window contains the following text:

```
<terminated> Question5 [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (28-Jul-2023, 6:05:59 pm - 6:05:59 pm) [pid: 9504]  
Print the integer value :20  
print the Double value after conversion is: 20.0
```

The console window has a toolbar at the top with various icons for file operations and a status bar at the bottom with the text "Writable", "Smart Insert", and "15:1:438".