1. Write a program in Java of Swapping of two numbers using third variable and without third variable.

```
public class SwapTwoNumbers {
   public static void main(String[] args) {
          int x = 10;
          int y = 20;
          int temp = x;
          x = y;
          y = temp;
System.out.println("x :"+x);
System.out.println("y :"+y);
   }
eclipse-workspace - javapractical/src/javapractical/SwapTwoNumbers.java - Eclipse IDE
x :20
  3 public class SwapTwoNumbers {
                                                  y :10
       public static void main(String[] args) {
                                                                                      ▣
         int \times = 10;
          int y = 20;
  9
          int temp = x;
  11
          x = y;
          y = temp;
 14 System.out.println("x :"+x);
15 System.out.println("y :"+y);
 16
17
 18
19 }
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```

2. Write a program in Java of Program with Logical AND, OR, NOT Operator.

```
public class LogicalOperator {
public static void main(String[] args) {
int a=15;
int b=25;
if (a>15 && b<25) {
                                                  //AND operation
System.out.println("you are eligible for register in java course");
System.out.println("you are not eligible for register in java course");
int a1 =10, b1 = 22;
                                                                //OR operation
if (a>15 || b<25) {
           System.out.println("you are a kid ");
}else {
           System.out.println("you are a teenager ");
boolean a3,result;
a3=true;
result = !a3;
a3=false;
System.out.println("!"+ a3 + " = " + result);
eclipse-workspace - javapractical/src/javapractical/LogicalOperator.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
@ Javadoc 🚇 Declaration 🚇 Console 🗶 🔳 💥 🖺 🔝 👺 🗗 💌 📑 🕶 🕶 🕶
                  ☑ StaticNestedClassExample.j...
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cterminated LogicalOperator (Iava Application) C/Program Files/Java/jdk-18/bin/javaw.exe (29-Apr-2022, 127 & you are not eligible for register in java course you are a teenager | Ifalse = true |
    package javapractical;
                                                                                                                                            6
  58 public static void main(String[] args) {
7 int a=15;
8 int b=25;
8 int b=25;
10 System.out.println("you are eligible for register in java course");
11 }else {
12 System.out.println("you are not eligible for register in java course");
13 }
   System.out.println("you are a teenager ");
bolean a3, result;
a3=true;
result = !a3;
a3=false;
result = !a3;
//NOT operation
System.out.println("!" + a3 + " = " + result);
System.out.println("!" + a3 + " = " + result);
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```

3. Write a program in Java of Print ASCII Value in Java: Assigning a Variable to the int Variable and Using Type-Casting

```
public class ASCII {

   public static void main(String[] args) {
        double d1 = 2.35;
        double d2 = 3.55;

        int asc = (int)d1;
        int asc1 = (int)d2;

System.out.println("the ASCII value of :"+d1 + "is" +asc);
System.out.println("the ASCII value of :"+d2 + "is"+asc1);
    }
}
```

