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☐ Manual QA

☐ Automation QA

**Ques 1 :** What will be printed as the result of the operation below.

```
main()
{
    int x=20,y=35;
    x=y++ + x++;
    y= ++y + ++x;
    printf("%d%d",x,y);
}
```

**Ques 2 :** Swap two number values without using a third variable. (Don't worry about syntax)

**Ques 3 :** Write a program that prints the numbers from 1 to 50. But for multiples of three print "Fizz" instead of the number and for the multiples of five print "Buzz". For numbers which are multiples of both three and five print "FizzBuzz"

**Ques 5 :** You have two sticks and a matchbox. Each stick takes exactly an hour to burn from one end to the other. The sticks are not identical and do not burn at a constant rate. As a result, two equal lengths of the stick would not necessarily burn in the same amount of time. How would you measure exactly 45 minutes by burning these sticks?

**Ques 6 :** You are provided with 10 jars which contain marbles. One jar among the 10 contains marbles weighing 9 grams each whereas a regular marbles weighs 10 grams. You are provided with a weighing machine and you can just make a single weighing on the machine. There are an infinite number of marbles in each jar. How will you decide which jar contains 9 grams of marbles in just single weighing?

**Ques 7 :** What are the fields in a bug report?

**Ques 8 :** What is the difference between Software Testing and Software QA?

**Ques 9 :** What is the software development life cycle?

**Ques 10 :** What does Test Case include?

**Ques 11 :** Write test Scenarios for testing a cash withdrawal from an ATM. (As a tester you should put yourself in the end users shoes and figure out the real-world scenarios and use cases)

**Ques 12 :** What is the bug life cycle?

**Ques 13 :** What is Regression Testing?

**Ques 14 :** If you live your life over again , what would you change ?

**Ques 15 :** What is your greatest strength ?

**Ques 16 :** What is your greatest weakness ( inability ) ?

### 1. What will be the output of the program?

```
class A
{
    final public int GetResult(int a, int b) { return 0; }
}
class B extends A
{
    public int GetResult(int a, int b) {return 1; }
}
public class Test
{
    public static void main(String args[])
    {
        B b = new B();
        System.out.println("x = " + b.GetResult(0, 1));
    }
}
```

### 3. What will be the output of the program?

```
public class Test
{
    public static void aMethod() throws Exception
    {
        try /* Line 5 */
        {
            throw new Exception(); /* Line 7 */
        }
        finally /* Line 9 */
        {
            System.out.print("finally "); /* Line 11 */
        }
    }
    public static void main(String args[])
    {
        try
        {
            aMethod();
        }
        catch (Exception e) /* Line 20 */
        {
            System.out.print("exception ");
        }
        System.out.print("finished"); /* Line 24 */
    }
}
```