Your grade: **100%**

Your latest: **100%** • Your highest: **100%**
To pass you need at least 80%. We keep your highest score.

Next item →

1. What is the result of the following code?
            1 / 1 point

```
1   fun main() {
2       print(11 > 10)
3       print(11 <= 10)
4       print(10 >= 11)
5       print(10 < 11)
6   }
```

◯ truetruetruetrue

🔘 truefalsefalsetrue

    Correct! Operator > returns true when the value on its left side is greater. Operator < returns true when the value on its right side is greater.

◯ falsefalsefalsefalse

2. What is the result of the following code?
            1 / 1 point

```
1   fun main() {
2       print(10 > 10)
3       print(10 >= 10)
4       print(10 <= 10)
5   }
```

◯ truefalsefalse

◯ falsefalsefalse

◯ truetruetrue

🔘 falsetruetrue

    Correct! Both >= and <= return true when there is the same value on both sides.

3. What is the result of the following code?   1 / 1 point

```
1    fun main() {
2        print("A" == "A")
3        print("A" == "B")
4        print("A" == "AB")
5    }
```

○ falsefalsefalse

● truefalsefalse

Correct! Operator == returns true when there is the same value on both sides.

○ truetruetrue

○ truefalsetrue

4. What is the result of the following code?   1 / 1 point

```
1    fun main() {
2        print(true && true)
3        print(true && false)
4        print(false && true)
5        print(false && false)
6    }
```

○ falsetruetruefalse

○ truetruetruefalse

● truefalsefalsefalse

Correct! Operator && returns true only when it is true on both sides.

○ truefalsefalsetrue

5. What is the result of the following code?   1 / 1 point

```
1    fun main() {
2        print(true || true)
3        print(true || false)
4        print(false || true)
5        print(false || false)
6    }
```

○ truefalsefalsetrue

○ truefalsefalsefalse

● truetruetruefalse

   Correct! Operator || returns true when it is true on any of its sides.

○ falsetruetruefalse

6. What is the result of the following code?   **1 / 1 point**

```
1   fun main() {
2       print(true)
3       print(!true)
4       print(!!true)
5       print(!!!true)
6   }
```

● truefalsetruefalse

   Correct! Operator ! changes true to false and false to true. It can be used multiple times.

○ truefalsefalsefalse

○ truetruetruetrue

7. What is the result of the following code?   **1 / 1 point**

```
1   fun main() {
2       val finishedHomework = true
3       val cleanedRoom = true
4       val passedMathExam = false
5       val canPlayGames = finishedHomework && cleanedRoom
6       val canEatSweets = finishedHomework && passedMathExam
7       print(canPlayGames)
8       print(canEatSweets)
9   }
```

○ falsefalse

● truefalse

   Correct!

○ falsetrue

○ truetrue

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