Your grade: **90%**

Your latest: **90%** • Your highest: **90%**
To pass you need at least 80%. We keep your highest score.

1. To create a list, the _____ function is used.   **1 / 1 point**

   listArr

   listOf

   listFunc

   ⊘ **Correct**
   Correct. We create a list using `listOf` function, and then we
   specify next values using arguments.

2. True or False: The code snippet below is a valid way of creating an enum in Kotlin.

```
1
2
3
4
5
6
7
8
9
```

   True

   False

   ⊘ **Correct**
   Correct. Having an interface class is not a requirement for calling a method.

3. True or False: In Set, you can get elements by index.   **1 / 1 point**

   True

   False

   ⊘ **Correct**
   Correct. In set, you cannot get elements by index.

4. True or False: In Kotlin, 'Float' is the default decimal number representation.   **1 / 1 point**

True

False

✓ **Correct**
Correct. 'Double' is the default decimal number representation.

5. Which operator throws an exception if its left side is null?   **1 / 1 point**

!=

==

!!

✓ **Correct**
Correct. Not-null assertion is '!!' operator, that throws an exception if its left side is null.

6. The following function calculates the factorial of a number by calling itself. What is this an example of?

```
1
2
3
4
5
6
7
```

A generic method

An iterative method

A recursive method

✓ **Correct**
Correct. One way of implementing such a function is using a recursive method.

7. In Kotlin, when a class is inherited from another class it takes the behavior constructor properties of the parent class.   **1 / 1 point**

True

False

⊘ **Correct**
Correct! When a class is inherited from another class it takes all the behavior of the parent class. That includes its constructor properties.

8. When you use `interface` keyword before a class definition, you make this class abstract.   **1 / 1 point**

    True

    False

⊘ **Correct**
Correct. When you use `abstract` keyword before a class definition, you make this class abstract.

9. The _____ operator is designed to provide an alternative value, when a 'null' value exists.   **1 / 1 point**

    Elvis

    Factorial

    Nullify

⊘ **Correct**
Correct. We can check if an object is of a particular type using `is` keyword.

10. When you run the code below what is the output of the `println` statement?

```
1
2
3
4
```

    y

    null

    4

⊗ **Incorrect**

Not quite. Please review the **Pair and Triple** in Week 3 Lesson 1 - Special kinds of classes.

⊗ **Incorrect**

Not quite. Please review the **Pair and Triple** in Week 3 Lesson 1 - Special kinds of classes.