Your grade: 100%

Your latest: **100%** • Your highest: **100%**
To pass you need at least 80%. We keep your highest score.
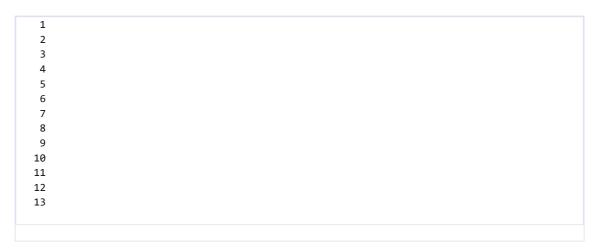
1. To initialize an immutable list, the _____ function is used.   **1 / 1 point**

list.add()

listOf

mutablelistO

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

2. The function used to add items to a list is called ____.   **1 / 1 point**

put

create

add

    ⊘ **Correct**
    Correct. The easiest way to add elements to lists is using plus
    sign.

3. In Set, you can get elements by name.   **1 / 1 point**

True

False

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

4. The _____ operator is used to check the null safety of values.   **1 / 1 point**

Elvis

Enum

itenary

⊘ **Correct**

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

5. What will the output be of the `printAddress` function in the code below?

```
1
2
3
4
5
6
7
8
9
10
11
12
13
```

Lagos Lagos

Lagos

Lagos (unknown state)

⊘ **Correct**

Correct. Since the state is not null, the default name '(unknown state)' will not be used.

6. This is an animal interface class; what is missing in the code below?

```
1
2
3
4
5
```

Abstract keyword

Sealed Keyword

Interface keyword

⊘ **Correct**

Correct. An interface keyword must be specified when defining an interface class.

7. What is the output of the consumeStr function?

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

3ABC

1AB

nullnull

⊘ **Correct**
Correct. The first print of the `consumeStr` function displays the length of the string, while the second print displays the uppercase of the string.

8. _____ method is used to check if a set is empty.   **1 / 1 point**

isNull

isEmpty

⊘ **Correct**
Correct. You can always check the number of elements in a list using `size` property.

9. What will be the output of the `println` be?

```
1
2
3
4
```

C

B

A

⊘ **Correct**
Correct. The position 2 in the list has a value C.

10. `illegalArgumentException` is used when the state of a system is   **1 / 1 point**
valid.

○ True

○ False

⊘ **Correct**
Correct. `illegalArgumentException` is used when an
argument has an incorrect value.