

How do you access the number of elements in a Dart list?

1

a) list.length()

2

b) list.size

3

c) list.length

4

d) list.size()

2.

What is the output of the following code snippet?

```
var myList = [1, 2, 3];  
myList.remove(2);  
print(myList);
```

1

a) [1, 2, 3]

2

b) [1, 3]

3

c) [2, 3]

4

d) Error: The method remove() doesn't exist for lists.

3.

Which data type is used to represent a collection of key-value pairs in Dart?

1

a) List

2

b) Map

3

c) Set

4

d) Tuple

4.

What is the output of the following code snippet?

```
var map = {"name": "John", "age": 30};  
print(map["name"]);
```

1

a) "John"

2

b) 30

3

c) "name"

4

d) Type Error

5.

Which method can be used to add an element to the end of a Dart list?

1

a) add()

2

b) pop()

3

c) push()

4

d) append()

6.

How can you access the number "6" from the following list in Dart?

```
List<int> numbers = [3, 5, 6, 9];
```

1

a) numbers[3]

2

b) numbers[2]

3

c) numbers[6]

4

d) numbers[4]

7.

Which keyword is used to declare a variable without specifying its type (type inference) in Dart?

1

a) int

2

b) dynamic

3

c) var

4

d) object

8.

What will be the data type of the variable "result" after the following code is executed?

```
int x = 5;  
int y = 2;  
var result = x / y;
```

1

a) int

2

b) double

3

c) String

4

d) num

9.

Which of the following data types can store a true/false value in Dart?

1

a) int

2

b) double

3

c) String

4

d) bool

10.

What keyword is used to declare a constant variable in Dart?

1

a) var

2

b) let

3

c) dynamic

4

d) const