Quiz

Here is a quiz to test your understanding of value types and reference types.

1

Fixed-length arrays are value types.

2

In the code given below, both `writeln()` statements will produce the same output.

```d
import std.stdio;

void main(){
    int value = 10;
    int newValue = value;

    writeln("value : ", value, " address: ", &value);
    writeln("newValue: ", newValue, " address: ", &newValue);
}
```

3

Reference variables do not have identities; they are aliases of existing variables.
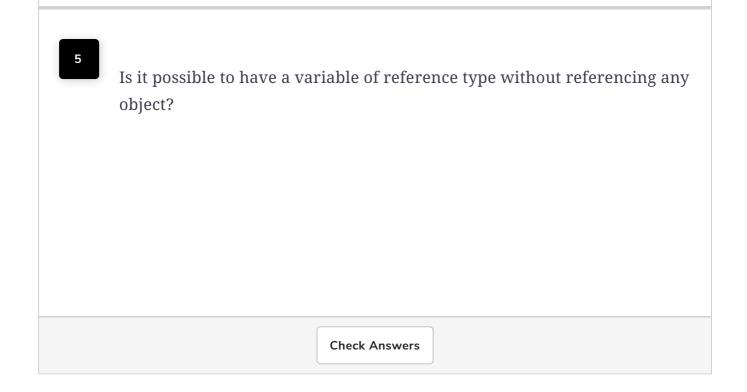
4

What will the output of the following program be?

```d
import std.stdio;

void main() {
    int number = 4;
    byTwo(number);

    writeln(number);
}
void byTwo(int value) {
    value *= 2;
}
```

5 Is it possible to have a variable of reference type without referencing any object?

Check Answers

In the next chapter, we will explore function parameters.