

Module 1: Arrays and Loops

100% (9/9)

- ✓ 1. Using the below for loop as an example, what element represents the condition?

```
for (int i = 1; i < 10; i++)  
{  
  //..  
}
```

- (A) int i = 1
(B) i < 10
(C) i++

- ✓ 2. Using the below for loop as an example, what will be printed out to the console?

```
for (int i = 1; i < 6; i++)  
{  
  Console.WriteLine(i);  
}
```

(A) 1
2
3
4
5
6

(B) 1
2
3
4
5

(C) 0
1
2
3
4
5

(D) 0
1
2
3
4
5
6

- ✓ 3. Using the below for loop as an example, what will be printed out to the console?

```
for (int i = 1; i < 6; i++)  
{  
  if (i % 2 == 0)  
  {  
    Console.WriteLine(i);  
  }  
}
```

☐ A 1
2
3
4
5
6

☐ B 1
2
3
4
5

☒ C 2
4

☐ D 2
4
6



4. What is the output?
`for(int i = 1; i < 15; i = i+3)`
{
 `Console.WriteLine(i);`
}

☐ A 1
5

☒ B 1
4
7
10
13

☐ C 4
7
10
13
16

☐ D 1
4
7
10
15
16



5. Arrays can change in size after they are created.

☐ A True

☒ B False



6. Given the following array

`int[] quizScores = { 90, 80, 80, 70 };`

What code is written to get the 3rd value in the quizScores array?

☐ A `quizScores(2);`

☒ B `quizScores[2];`

☐ C `quizScores(3);`

☐ D quizScores[3];

☐ E I don't know.

✓ 7. Given the following array of unknown length

```
int[] quizScores = { .., .., .. };
```

What C# code is written to finish the statement below so that `sizeofArray` shows how many elements are in `quizScores`?

```
int sizeofArray = ??
```

```
    quizScores.Length
```

✓ 8. Given the following array

```
int[] quizScores = { 90, 80, 80, 70 };
```

What code is written to get the value from the last position in the array?

```
int lastValue = ??
```

```
    quizScores[quizScores.Length - 1]
```

✓ 9. Given the following code snippet what happens when the code runs?

```
string[] instructors = { "Josh", "David", "Craig" };  
for (int i = 0; i < instructors.Length; i++)  
{  
    Console.WriteLine(instructors[i+1]);  
}
```

☐ A It will print out to the screen

```
Josh  
David  
Craig
```

☐ B There will be a compile time error that prevents the code from building.

☒ C There will be a runtime error that prevents the code from running.

☐ D I don't know.