

Name: Answer Sheet

Date: 05/24/2016

Quiz name: Module 1: Introduction to C# Programming

Score: 100%

- 
- ✓ 1. What process converts human readable source code into machine readable byte-code?
- ☐ A Emulation
  - ☐ B Simulation
  - ☒ C Compilation
  - ☐ D Execution
  - ☐ E I don't know
- 
- ✓ 2. .NET programs are executed within the \_\_\_\_\_. It is capable of interpreting and reading the code within a .exe or .dll file.
- ☐ A Development environment
  - ☒ B Common Language Runtime
  - ☐ C Terminal or Command Line
  - ☐ D Java Virtual Machine
  - ☐ E I don't know
- 
- ✓ 3. Which data type is appropriate for holding a single unicode character?
- char
- 
- ✓ 4. Which data type is appropriate for holding a sequence of zero or more unicode characters?
- string
- 
- ✓ 5. Which of the following ways are correct ways to initialize the variable i and j to a value of 10 each.
- ☒ A 

```
int i = 10;  
int j = 10;
```
  - ☐ B 

```
int i, j;  
i = 10;  
j = 10;
```
  - ☒ C 

```
int i = 10, j = 10;
```
  - ☐ D 

```
int i = 10; j = 10;
```
  - ☐ E 

```
int i, j = 10;
```
- 
- ✓ 6. Which of the following is the correct way to set a value 3.14 in a variable pi such that it cannot be modified?
- ☐ A 

```
double pi = 3.14;
```
  - ☒ B 

```
const double Pi = 3.14;
```
  - ☐ C 

```
const double Pi;  
Pi = 3.14;
```
  - ☐ D 

```
Pi = 3.14;
```

---

```
int x = 7 / 4;
```

- ✓ 7. What is the value of the variable x after this code snippet executes?  
1

---

```
int x = 5 % 2;
```

- ✓ 8. What is the value of the variable x after this code snippet executes?  
1

---

```
int x = (5 / 2) * 4;
```

- ✓ 9. What is the value of the variable x after this code snippet executes?  
8

---

```
int x = 4 + 6 + 10 / 10;
```

What is the value of the variable x after this code snippet executes?

- ✓ 10.  
11

---

```
int x = (4 + 6 + 10) / 10;
```

- ✓ 11. What is the value of the variable x after this code snippet executes?  
2