

PASSEXAM 問題集

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Exam : **98-361**

Title : Microsoft MTA Software
Development Fundamentals

Version : Demo

1.You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have been asked to create a new program for ABC.com. Prior to creating the new program, you plan to create an algorithm to fully comprehend how the processes of the program must run. The algorithm will list the required actions for completing a process in the appropriate sequence.

You are informed that your method for creating the algorithm should be as simple, and clear as possible.

What option should you use?

- A. You should consider making use of the flowchart method.
- B. You should consider making use of the pivotchart method.
- C. You should consider making use of the data table method.
- D. You should consider making use of the XML method.

Answer: A

2.You are employed as a developer at ABC.com. You are creating a .NET Framework application.

You have been instructed to make sure that you make use of Common Intermediate Language (CLI) for programming the application.

What options are TRUE with regards to CLI.? (Choose all that apply.)

- A. CIL is the highest-level human-readable programming language defined by the Common Language Infrastructure specification.
- B. CIL is the highest-level human-readable programming language defined by the Common Language Infrastructure specification.
- C. CIL is an object-oriented assembly language, and is entirely stack-based.
- D. CIL is an object-oriented assembly language, but is not stack-based.

Answer: A,C

3.You are employed as a developer at ABC.com. You make use of Visual Basic .Net for development purposes.

You have written the code shown below for declaring an array of a new application:

```
Dim myArray as String = { apples, pears, plums, grapes, oranges, bananas}
```

You want to return the third item in your array.

What code would you employ?

- A. myArray[1]
- B. myArray[2]
- C. myArray[3]
- D. myArray[4]
- E. myArray[5]
- F. myArray[6]

Answer: B

4.You are employed as a developer at ABC.com. You are in the process of creating code for a method that does not retrieve a value for the calling code.

You want to make sure that this is reflected when declaring the method.

What option should you use?

- A. You should consider making use of the void keyword in the method declaration.

- B. You should consider making use of the sealed C# statement in the method declaration.
- C. You should consider making use of the internal C# statement in the method declaration.
- D. You should consider making use of the public C# statement in the method declaration.
- E. You should consider making use of the protected C# statement in the method declaration.

Answer: A

5.You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have received instructions to create a new program for ABC.com using C#. You are informed that the new program should allow for intricate multi-way branching. Furthermore, the code used must not be difficult to make sense of.

What is the option you should use?

- A. You should consider making use of the foreach C# statement.
- B. You should consider making use of the while C# statement.
- C. You should consider making use of the protected C# statement.
- D. You should consider making use of the switch C# statement.

Answer: D

6.You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have been tasked with creating a new program for ABC.com using C#. The new program will iterate throughout an assortment of lists and arrays. Every element in this assortment must be processed just one time.

You are then informed that reading and debugging your code should not be difficult.

What action should you take?

- A. You should consider making use of the switch C# statement as part of your code.
- B. You should consider making use of the void keyword as part of your code.
- C. You should consider making use of the foreach C# statement as part of your code.
- D. You should consider making use of the interface keyword as part of your code.

Answer: C

7.You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have been instructed to create a new application for ABC.com using C#. The new application must process a loop repeatedly for precisely 7 times.

Which of the following represents the code you should write?

- A.

```
int count = 1;
while (count <= 7)
{
Console.WriteLine("The value of count = {0}", count);
count++;
}
```
- B.

```
int count = 0;
while (count <= 7)
```

```
{  
Console.WriteLine("The value of count = {7}", count);  
count++;  
}
```

C. int count = 1;
while (count <= 7)

```
{  
Console.WriteLine("The value of count = {7}");  
count++;  
}
```

D. int count = 0;
while (count <= 7)

```
{  
Console.WriteLine("The value of count = {0}");  
count++;  
}
```

Answer: A

8.You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have been instructed to create a new program for ABC.com. The program should be able to affect integer values, which may be positive or negative and be greater than twelve characters.

You have to make sure that you are able to store this type of variable.

What is the option you should take?

- A. You should consider making use of the static data type.
- B. You should consider making use of the string data type.
- C. You should consider making use of the private data type.
- D. You should consider making use of the long data type.

Answer: D

9.You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have been instructed to create a new application that should include a recursive method that computes the factorial of a number.

You have written the following code for the method:

```
01: public static int Factorial(int n)
```

```
02: {
```

```
03: if (n == 0)
```

```
04: {
```

```
05: return 1;
```

```
06: }
```

```
07: else
```

```
08: { 09:
```

```
10: }
```

11: }

You have to insert suitable code at line 09 to make sure that the proper outcome is reached.

What line of code should be inserted?

A. return n * Factorial(n - 1);

B. return n;

C. return n * Factorial(n - 0);

D. return 0;

Answer: A

10. You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You are writing code for a new ABC.com application. The code includes the while statement.

You want to make sure that a control enters the while loop six times.

Which of the following suitably represents the written code?

A. int count = 0;

```
while (count < 6)
```

```
{
```

```
when (count == 6)
```

```
break;
```

```
count++;
```

```
}
```

B. int count = 0;

```
while (count < 7)
```

```
{
```

```
if (count == 5)
```

```
break;
```

```
count++;
```

```
}
```

C. int count = 1;

```
while (count < 6)
```

```
{
```

```
if (count == 6)
```

```
break;
```

```
count++;
```

```
}
```

D. int count = 1;

```
while (count < 7)
```

```
{
```

```
when (count == 5)
```

```
break;
```

```
count++;
```

```
}
```

Answer: B

11. You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have been instructed to create a new program for ABC.com. You have to include a repetition structure that allows for the termination condition test to execute at the bottom of the loop not the top. What action should you take?

- A. You should consider making use of the public C# statement.
- B. You should consider making use of the sealed C# statement.
- C. You should consider making use of the private C# statement.
- D. You should consider making use of the do-while C# statement.

Answer: D

12. You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have been instructed to create a program that includes code that allows the program to iterate a set amount of times. Regardless of whether the loop body includes complex code, the written code should be understandable and easily maintainable.

What option should you use?

- A. You should consider making use of the public C# statement.
- B. You should consider making use of the for C# statement.
- C. You should consider making use of the private C# statement.
- D. You should consider making use of the sealed C# statement.

Answer: B

13. You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have received instructions to create a method for determining the concession for products ABC.com sold. A variable, named percentValue, is of the type double and must be only be available in the method. Which of the following actions should you take?

- A. You should consider making use of the private access modifier for distinguishing the percentValue variable.
- B. You should consider making use of the void access modifier for distinguishing the percentValue variable.
- C. You should consider making use of the string access modifier for distinguishing the percentValue variable.
- D. You should consider making use of the protected access modifier for distinguishing the percentValue variable.

Answer: A

14. You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You are planning to make use of an InitFields method that obtains two parameters of data type double, but does not retrieve a value for the calling code.

You start writing code to define the InitFields method as shown below:

```
public void InitFields(double l, double w)
```

What code should you use to complete the code?

- A. {
retrieve length + width;
}
- B. {
length = l;
width = w;
}
- C. {
retrieve length - width;}
}
- D. {
retrieve length + width;
}

Answer: B

15. You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You are in the process of creating a class that makes use of a method using the virtual modifier.

Which of the following is TRUE with regards to the virtual modifier? (Choose all that apply.)

- A. You are unable to make use of the virtual modifier with the static, abstract, private or override modifiers.
- B. You are able to make use of the virtual modifier with the static, abstract, private or override modifiers.
- C. The use of the virtual modifier prevents inheritance of the class.
- D. The virtual modifier is used in a class declaration to indicate that a class is intended only to be a base class of other classes.

Answer: A