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Q1: 6.5

Q2: a. count = count ++;

b. amount = amount --;

c. radius = radius * 10;

d. length = length / 2;

Q3: try{

sumLabel.Text = value1TextBox.GetText() + value2TextBox.GetText()

}

catch (Exception ex)

{

 MessageBox.Show(ex.Message);

}

Q4: double product = Math.Pow(12^5);

Q5: if (year%4 == 0 && year%100 != 0 && year%400 == 0) {

 is_year == true;

}

else

{

 is_year == false;

}

if (is_year == true) {

 MessageBox.Show("閏年");

}

```
Q6: if ( temperature ~= null ){  
  
tempTextBox.Text = TryParse(temperature)  
  
}  
  
else{  
  
MessageBox.Show("error")  
  
}
```

Q7: nameListBox

Q8: 6

4

```
Q9: for count = 50, i++ {  
  
MessageBox.Show("我喜歡程式設計")  
  
}
```

Q10: 無限次

Q11: NT\$13700

```
Q12: A. inputFile = File.OpenText("Sales.txt");  
  
B. sales = decimal.Parse(inputFile.ReadLine());  
  
C. while (!inputFile.EndOfStream)  
  
D. inputFile.Close();
```

```
Q13: randomNumber = math.random(100, 399)
```

Q14:

```
StreamReader inputFile;
```

```
inputFile = File.OpenText("rainfall.txt");
```

```
while (!inputFile.EndOfStream)
```

```
{  
    rainfall = TryParse(inputFile.ReadLine());  
    total += rainfall;  
}  
  
inputFile.Close();  
  
totalRainFallLabel.Text = total.ToString("C");  
Q15: try  
{  
    StreamReader inputFile;  
  
    Text =  
File.CreateText("\"multiples_of_three.txt\"")/File.AppendText("multiples_of_three.txt")  
  
    int count = 1;  
    do {  
        if count%3 == 0{  
            Text = TryParse(count);  
        }  
        count++;  
    }  
    while (count < 999) ;  
  
}  
catch (Exception ex)
```

```
{  
    MessageBox.Show(ex.Message);  
}  
  
Q16: bool IsAuthorizedUser;  
  
if ( userName == ACCOUNT && passwd == PASSWORD ){  
  
IsAuthorizedUser = true  
  
}  
  
else{  
  
IsAuthorizedUser = false  
  
}  
  
Q17: 99  
  
0  
  
99  
  
Q18: private void SetToZero(out int number)  
  
{  
  
    number = 0;  
  
}  
  
  
  
private void goButton_Click(object sender, EventArgs e)  
  
{  
  
    // Declare some local int variables.  
  
    int x = 99, y = 100, z = 101;  
  
  
  
    // Display the values in those variables.  
  
    outputListBox.Items.Clear();
```

```
outputListBox.Items.Add("x is set to " + x);  
  
outputListBox.Items.Add("y is set to " + y);  
  
outputListBox.Items.Add("z is set to " + z);  
  
  
// Display the values in those variables again.  
outputListBox.Items.Add("#####"); //10個#  
  
outputListBox.Items.Add("x is set to " + SetToZero(ref x));  
  
outputListBox.Items.Add("y is set to " + SetToZero(ref y));  
  
outputListBox.Items.Add("z is set to " + SetToZero(ref z));  
  
}
```

goButton_Click() output:

"x is set to 0"

"y is set to 0"

"z is set to 0"