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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"
```