

PartA

1. (A)1 (B)0 (C)0 (D)1
2.

```
if(score >= 90 && score <=100)
    cout << "Excellent" << endl;
else if(score >= 80 && score < 90)
    cout << "Good" << endl;
else if(score >= 0 && score < 80)
    cout << "Try Harder" << endl;
else if(score < 0 || score >100)
    cout << "You enter a invalid score!Try again." << endl;
```
3. (A)

```
<<"average them:"; 沒有 cout
int score1, score2, score3, 沒有分號;
if (average = 100); 括號內應該為邏輯運算子==
perfectScore = true;// Set the flag variable perfectScore 沒有很好的 define
boolperfectScore; 沒有空格
```

(B)

```
cout<< "Division by zero is not possible.\n";
cout<< "Please run the program again ";
cout<< "and enter a number besides zero.\n"; 沒有大括號
quotient = num1 / num2;
cout<< "The quotient of " << num1 <<
cout<< " divided by " << num2 << " is ";
cout<< quotient <<endl; 沒有大括號
```

(C)

```
inttestScore; int 之後沒有空格
else 應為 else if
```

(D)

```
doubletestScore; double 之後沒有空格
switch (testScore)
```

- 4. (A)

```
} while (choice = 1) 少了分號;
```

(B)

```
int count = 1, total; 應給 total 起始值為 0
total += count; 應再加一行 count++; 且兩行加上大括號
```

(C)

- 5. (1)O (2)O (3)X (4)O (5)O (6)X (7)O

PartB

1~5

FFFFT

6~10

TTTFT

PartC

1~5

ACACA

6~10

DBCBA

11~15

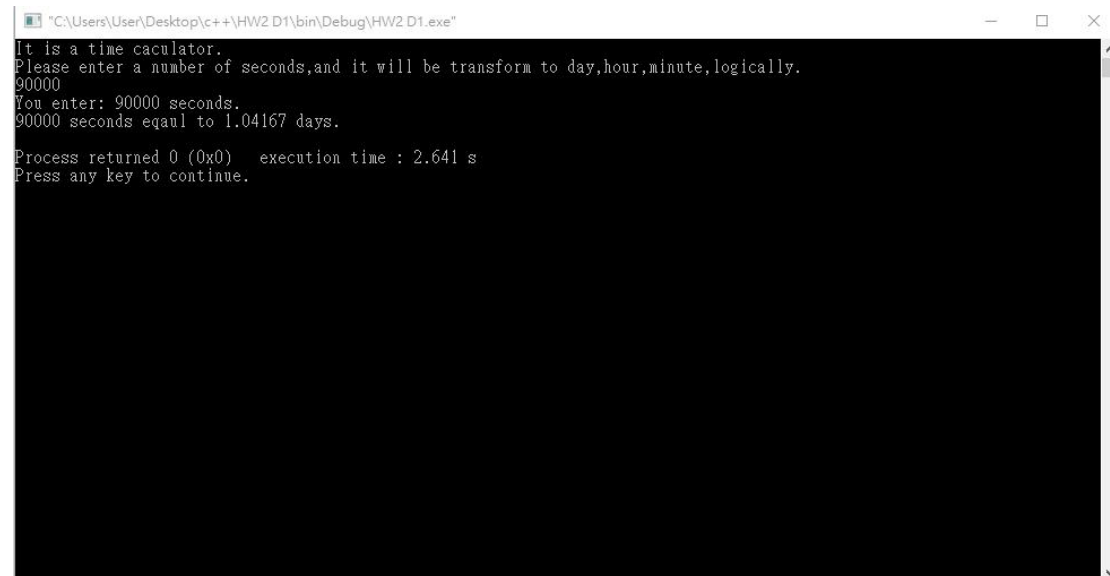
DBBBB

16~20

DDCBA

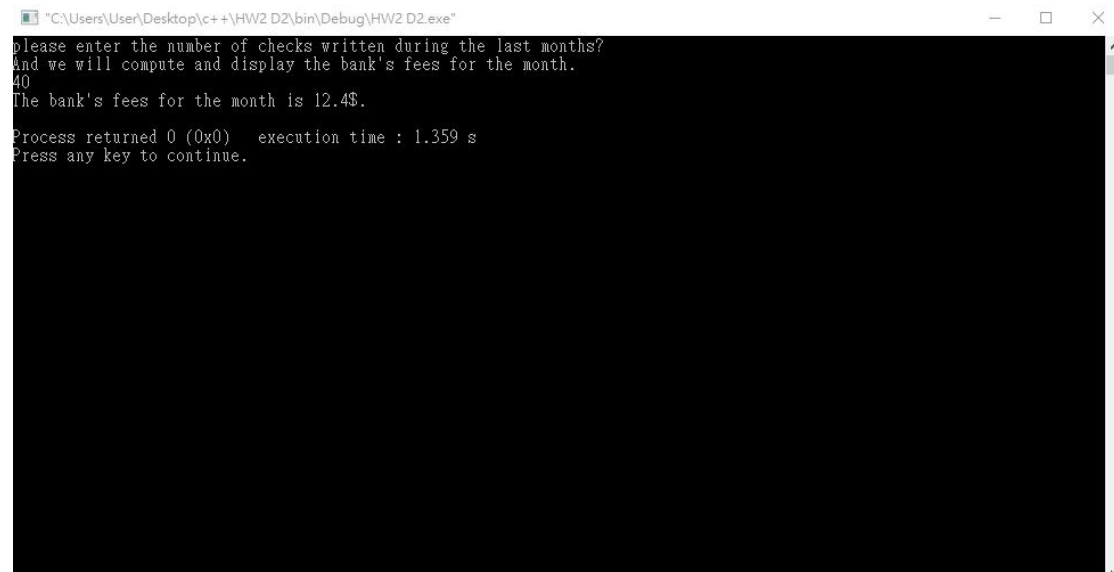
PartD

1.



```
"C:\Users\User\Desktop\c++\HW2 D1\bin\Debug\HW2 D1.exe"
It is a time caculator.
Please enter a number of seconds,and it will be transform to day,hour,minute,logically.
90000
You enter: 90000 seconds.
90000 seconds eqaul to 1.04167 days.
Process returned 0 (0x0) execution time : 2.641 s
Press any key to continue.
```

2.



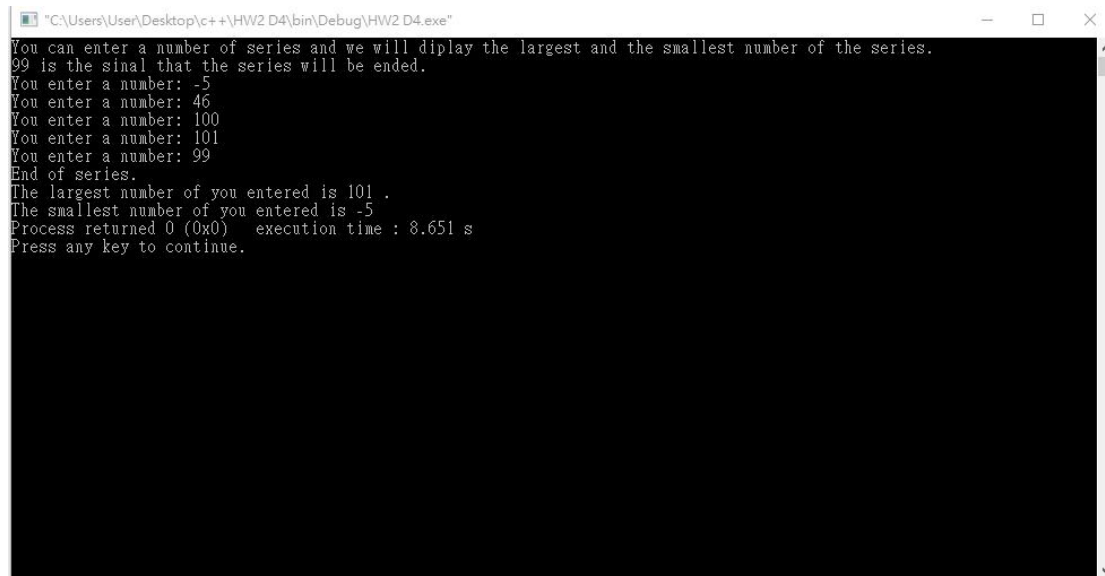
```
"C:\Users\User\Desktop\c++\HW2 D2\bin\Debug\HW2 D2.exe"
please enter the number of checks written during the last months?
40
The bank's fees for the month is 12.4$.
Process returned 0 (0x0) execution time : 1.359 s
Press any key to continue.
```

3.



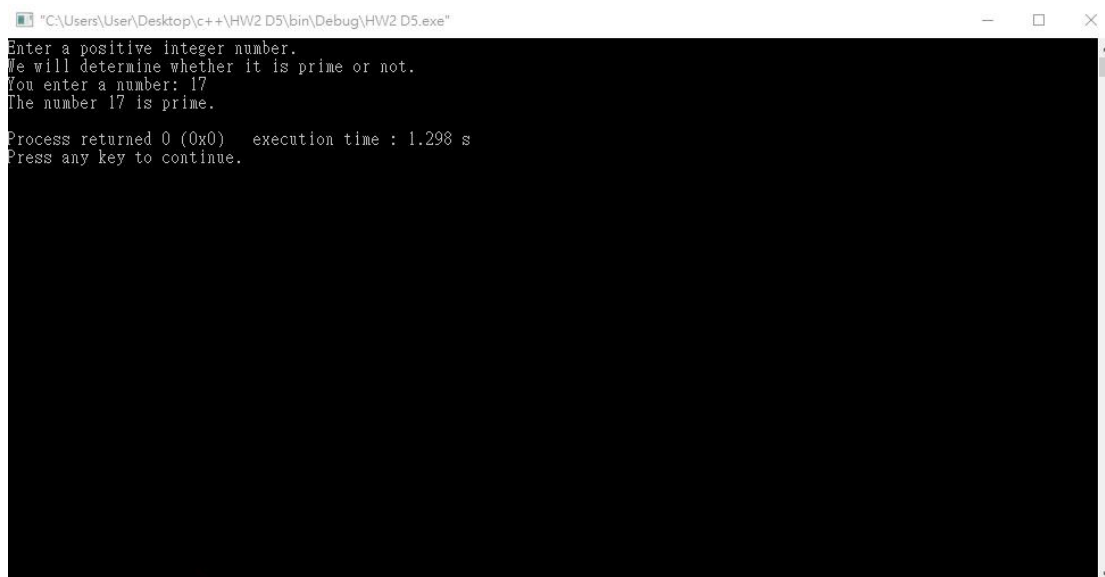
```
"C:\Users\User\Desktop\c++\HW2 D3\bin\Debug\HW2 D3.exe"
+
+++
++++
+++++
++++
+++
+
Process returned 0 (0x0) execution time : 0.018 s
Press any key to continue.
```

4.



```
"C:\Users\User\Desktop\c++\HW2 D4\bin\Debug\HW2 D4.exe"
You can enter a number of series and we will diplay the largest and the smallest number of the series.
99 is the sinal that the series will be ended.
You enter a number: 5
You enter a number: 46
You enter a number: 100
You enter a number: 101
You enter a number: 99
End of series.
The largest number of you entered is 101 .
The smallest number of you entered is -5
Process returned 0 (0x0)   execution time : 8.651 s
Press any key to continue.
```

5.



```
"C:\Users\User\Desktop\c++\HW2 D5\bin\Debug\HW2 D5.exe"
Enter a positive integer number.
We will determine whether it is prime or not.
You enter a number: 17
The number 17 is prime.
Process returned 0 (0x0)   execution time : 1.298 s
Press any key to continue.
```