

C++ Programming Assignment (#01)

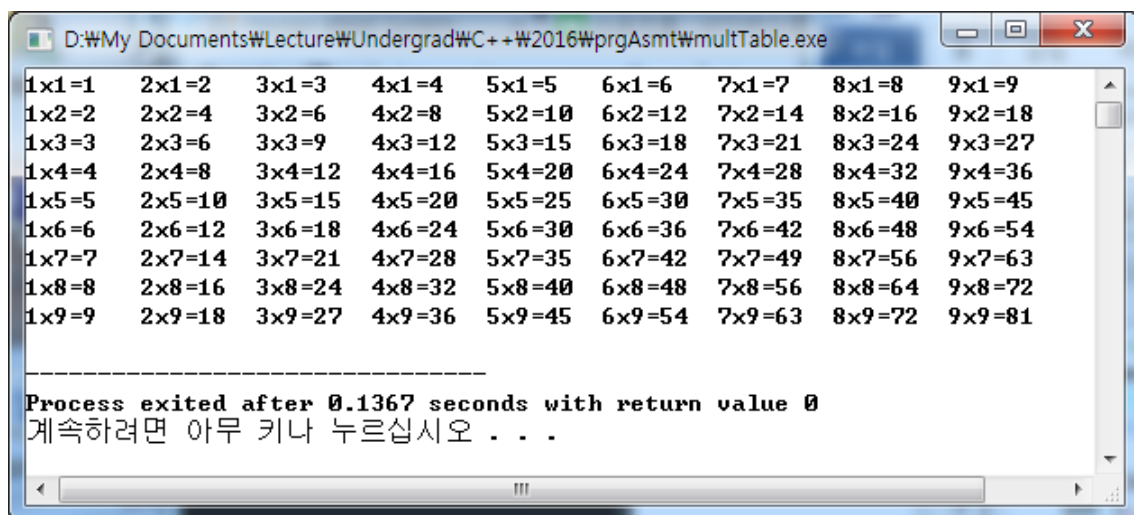
Date: Mar. 10, 2016

Instructor: Yoo, Younghwan

Due date: Mar. 16, 2016

Programming Projects

1. Write a program that prints out the multiplication table as follows:

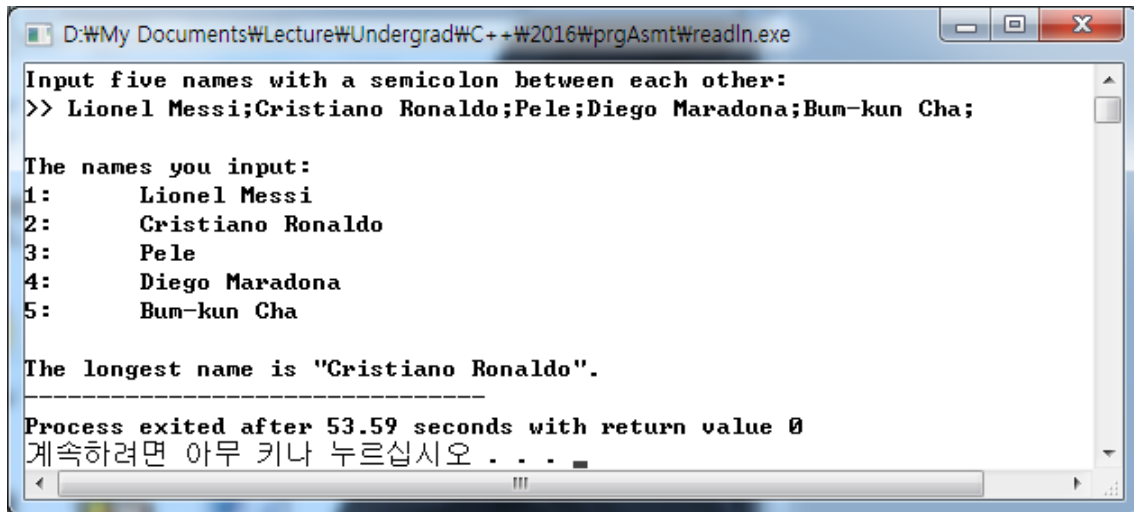


```
D:\My Documents\Lecture\Undergrad\C++\2016\prgAsmt\multTable.exe
1x1=1 2x1=2 3x1=3 4x1=4 5x1=5 6x1=6 7x1=7 8x1=8 9x1=9
1x2=2 2x2=4 3x2=6 4x2=8 5x2=10 6x2=12 7x2=14 8x2=16 9x2=18
1x3=3 2x3=6 3x3=9 4x3=12 5x3=15 6x3=18 7x3=21 8x3=24 9x3=27
1x4=4 2x4=8 3x4=12 4x4=16 5x4=20 6x4=24 7x4=28 8x4=32 9x4=36
1x5=5 2x5=10 3x5=15 4x5=20 5x5=25 6x5=30 7x5=35 8x5=40 9x5=45
1x6=6 2x6=12 3x6=18 4x6=24 5x6=30 6x6=36 7x6=42 8x6=48 9x6=54
1x7=7 2x7=14 3x7=21 4x7=28 5x7=35 6x7=42 7x7=49 8x7=56 9x7=63
1x8=8 2x8=16 3x8=24 4x8=32 5x8=40 6x8=48 7x8=56 8x8=64 9x8=72
1x9=9 2x9=18 3x9=27 4x9=36 5x9=45 6x9=54 7x9=63 8x9=72 9x9=81

-----
Process exited after 0.1367 seconds with return value 0
계속하려면 아무 키나 누르십시오 . . .
```

Note: Use the `cout` object to display values on the screen.

2. Your program receives the names of five people, which are separated by semicolons. Displaying the five names at each different line, your program decides which one is the longest name.



```
D:\My Documents\Lecture\Undergrad\C++\2016\prgAsmt\readIn.exe
Input five names with a semicolon between each other:
>> Lionel Messi;Cristiano Ronaldo;Pele;Diego Maradona;Bum-kun Cha;

The names you input:
1:      Lionel Messi
2:      Cristiano Ronaldo
3:      Pele
4:      Diego Maradona
5:      Bum-kun Cha

The longest name is "Cristiano Ronaldo".
-----
Process exited after 53.59 seconds with return value 0
계속하려면 아무 키나 누르십시오 . . .
```

Note: You can use the C functions to handle character strings.