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Assignment #04

02/10/17

problem_01.c

There is no input for this problem. It will count down from 100 to 1 by increment of 10 every time it is run.

problem_02.c

In this problem, you enter the start, end, and increment number, and it will shift the loop accordingly to always count the right way, depending on whether start or end is bigger. When start is bigger it counts upward and if end is bigger it counts down, always with a positive increment. The program will do nothing is both begin and end are the same. In this case I respectively chose "5, 15, 2", "6, -12, 3" and "2, 2, 25" as my start, end, and increment.

problem_03.c

There is no input for the problem, and only has prototype functions.

problem_04.c

This problem introduces the function definition, but still has no input. It properly prints the correct number for each function's purpose.

Output:

problem_01.c

```
100
90
80
70
60
50
40
30
20
10
```

problem_02.c

```
Enter the number to start counting from:
5
Enter the number to stop counting at:
15
Enter the increment number:
2
5
7
9
11
13
15
```

```
Enter the number to start counting from:
6
Enter the number to stop counting at:
-12
Enter the increment number:
3
6
3
0
-3
-6
-9
-12
```

```
Enter the number to start counting from:
2
Enter the number to stop counting at:
2
Enter the increment number:
25
The beginning and ending number cannot be the same!
```

problem_03.c

There is no output for this problem, main() simply returns 0.

problem_04.c

```
The remainder of 19/4 is 3.

The biggest number between 4.3 and 5.67 is 5.67.

-----ATM-----

Transfer
Deposit Money
PIN Change
Balance Inquiry
Withdraw Money
Ball Pay

-----ATM-----
```