CSc 1301: PRINCIPLES OF COMPUTER SCIENCE

Lab 9 – For loop practice and exercise with solutions

**Counting Ten Times**

Write a program that prints the important phrase "Mr. Mitchell is cool." on the screen ten times. Use a for loop to do it.

**Can I Add Values entered by the user with a for Loop?**

Write a program that gets an integer from the user. Add up all the numbers from 1 to that number, and display the total. Use a for loop to do it.

**Counting Robot**

Write a program that gets three integers from the user. Count from the first number to the second number in increments of the third number. Use a for loop to do it.

Program #1

**Blackjack\_Jr**

Write a program name ***Blackjack\_Jr*** that allows a human user to play a single hand of "blackjack" against a dealer.

Pick two values from 1-10 for the player. These are the player's "cards". (user’s input, if out of range, you should ask user to reenter the number)

Pick two more values from 1-10 for the dealer. (should be randomly generated)

Whoever has the highest total is the winner.

There is no betting, no busting, and no hitting. Save that for real blackjack.

Expected output

Blackjack Jr!

You drew 6 and 5.

Your total is 11.

The dealer has 7 and 3.

Dealer's total is 10.

YOU WIN!