COP 2930 - Introduction to Computing
Day 7 - Suggested Exercises

Objectives:
1. Write a Python program that uses the if statement.
2. Write a Python program that uses the random class.
3. Practice using the Python Turtle.

1) If you buy Steve and Mary's, if you buy 6 or more shirts, you get another three shirts for free. As the user to enter how many shirts they want to buy, and based on this number, print out how many shirts they actually receive. (So if they enter 5, your program should print 5. If they enter 6, your program should print 9. If they enter 100, your program should print 103.)

2) Sales clerks at "Computers R Us" get paid a bonus for their sales. In particular, they get $10 for each of the first 10 computers they sell in a month, $20 for the next 10 computers they sell in a month, and $40 for each computer thereafter. For example, if a clerk sells 15 computers, they make $100 for the first 10 and $100 for the next 5 for a total of $200. Alternatively, if a clerk sells 22 computers, they make $380 in bonuses. Write a program that asks the user how many computers they sold and prints out their bonus for the month.

3) Write a program that generates both a random angle to turn (in between 1 and 179), a random direction to turn (0 = left, 1 = right), and a random number of pixels to go (in between 100 and 300), and turns the python turtle accordingly and goes forward that number of pixels.