CSC-1200

Lab1

In this lab we will create a program that takes in an integer and prints out a string containing its binary form. We can do this using the following steps:

1. First, we will initialize an empty string variable
2. We then will get a number from the user and cast it as an int.
3. From here we will do our math and use mod to get the binary digit.

Example: 10%2 would result in 0 giving us our first digit.

This will be added to our output string. (Hint: think f concatenation “5” +”6” =”56” and “5” +”” =”5”)

1. Then the number will be updated with the old number divided by two.
2. This process will continue until the number = 0. We can do this using a while loop.

while(num>0):

#do stuff

1. You can use the line: print(bin(num)) to check your results.