**Exercise 3**

1.

Graphical user interface, text, application

Description automatically generated

2. Assume x = 4 and y = 5, Which of the following is true?

 A. not (x == 4)

 B. x != 4

 C. x == 5

 D. x != 5

3. Take two numbers and check whether the sum is greater than 5, less than 5 or equal to 5.Fill in blanks for the following program.

print("Enter first number")

first = int( input())

print("Enter second number")

second = int( input())

#Blank 1

print("Sum is greater than 5:",sum>5)

print("Sum is equal to 5:",#Blank 2)

print("Sum is lesser than 5:",#Blank 3)

4. Complete the program below that prompts the user to enter the year and the first three letters of a month name (with the first letter in uppercase) and displays the number of days in the month.

Enter a year: 2017

Enter a month (first three letters with the first letter in uppercase): Feb

Feb 2017 has 28 days

year = # get input from user for the year

month = # get input from user for the month

if month == "Jan" or month == "Mar" or month == "May" \

        or month == "Jul" or month == "Aug" or month == "Oct" or month == "Dec":

    print(month, year, "has 31 days")

# Complete this missing part

else:

    print(month, "is not a correct month name ")

5. Write a program that prompts the user to enter 2 strings and check whether string2 is in string1 or not.