**Experiment 1** - # Write python program to implement basic data types, operators, expressions and input output statements in python.

def addNum():

a = int(input("Enter number a: "))

b = int(input("Enter number b: "))

print("The Addition of a and b is:",a+b)

addNum()

def concatName():

first = input("Enter your First name: ")

second = input("Enter your Second name: ")

print(f"Full Name: {first} {second}")

concatName()

def floatAdd():

a = float(input("Enter Float number a: "))

b = float(input("Enter Float number b: "))

print("The Addition of a and b is:",a+b)

floatAdd()

def greaterthan():

a = int(input("Enter number a: "))

b = int(input("Enter number b: "))

if a > b :

print(a)

print(f"{a} is greater than {b}")

else:

print(b)

print(f"{b} is greater than {a}")

greaterthan()

def expo():

a = int(input("Enter number a: "))

b = int(input("Enter number b: "))

print("The exponent of given number is:", a\*\*b)

expo()

def add():

a, b = input("Enter two num: ").split()

print(int(a) + int(b))

add()

def madlib():

adj1 = input("Enter a adjective: ")

superl1 = input("Enter a superlative: ")

noun1 = input("Enter a noun: ")

adj2 = input("Enter a adjective: ")

noun2 = input("Enter a noun: ")

adj3 = input("Enter a adjective: ")

noun3 = input("Enter a noun: ")

verb1 = input("Enter a verb: ")

noun4 = input("Enter a noun: ")

verb2 = input("Enter a verb: ")

noun5 = input("Enter a noun: ")

print(f"My cubicle is {adj1}. It is the {superl1} in the office.")

print(f"I have a {noun1} on my desk next to a(n) {adj2} {noun2}.")

print(f"I also have a(n) {adj3} {noun3}. One time a coworker tried to {verb1} a {noun4} on my desk.")

print(f"I said to him, 'Hey!' how would you like it if I {verb2} your {noun5}? I'll do it if you don't leave")

madlib()

