1. **Write a Python program to draw a triangle shape using print statement only.**

print(' \* ')

print(' \* \* ')

print(' \* \* ')

print(' \* \* ')

print('\* \* \* \* \*')

1. **Python Program to Make a Simple Calculator**

def add(a, b):

return a + b

def sub(a, b):

return a-b

def mul(a, b):

return a\*b

def div(a, b):

return a/b

a = int(input("Enter the value of a:"))

b = int(input("Enter the value of b:"))

print(add(a,b))

print(sub(a,b))

print(mul(a,b))

print(div(a,b))

1. **Create a variable named variable to test in snake case format and assign the value “my first variable assignment”. Print the result.**

* variable\_test = "my first variable assingment"

print(variable\_test)

1. **Create a variable named age and assign the value as 20. Print the result.**

* Age = 20

Print(Age)

1. **Create a variable called z, assign x + y to it, and Display the result. Initialize,**

**x = 20, y = 30**

* x = 20

y = 30

z = x + y

print(z)

1. **Create three variables x, y, and z, and assign the same value to all 3 variables in one code line.**

* x=y=z = 30

print (x, y, z)

1. **Develop a basic calculator app for the user:**

**a. Input two numbers from the user and assign them to variables num1 and num2**

**b. Perform the addition of two numbers and assign them to variable result\_add**

**c. Display result\_add to user.**

def result\_add(num1, num2):

return num1 + num2

num1 = int(input("Enter value of num1:"))

num2 = int(input("Enter value of num2:"))

print(result\_add(num1, num2))