**The Entrepreneurship Network**

**Date**:- 29-12-2021

**Document Name**:- Task-1 – Simple Calculator Using Python

**Name**:- Arshad Bagde

**Employee Id**:- TEN/PD/1855

**Batch No**:- Dec-2021

**Email Id**:- abagde61@gmail.com

**College Name**:- National Institute of Information Technology, Chennai.

Input:-

# Program make a simple calculator  
  
# This function adds two numbers  
def add(x, y):  
 return x + y  
  
  
# This function subtracts two numbers  
def subtract(x, y):  
 return x - y  
  
  
# This function multiplies two numbers  
def multiply(x, y):  
 return x \* y  
  
  
# This function divides two numbers  
def divide(x, y):  
 return x / y  
  
  
print("Select operation.")  
print("1.Add")  
print("2.Subtract")  
print("3.Multiply")  
print("4.Divide")  
  
while True:  
 # take input from the user  
 choice = input("Enter choice(1/2/3/4): ")  
  
 # check if choice is one of the four options  
 if choice in ('1', '2', '3', '4'):  
 num1 = float(input("Enter first number: "))  
 num2 = float(input("Enter second number: "))  
  
 if choice == '1':  
 print(num1, "+", num2, "=", add(num1, num2))  
  
 elif choice == '2':  
 print(num1, "-", num2, "=", subtract(num1, num2))  
  
 elif choice == '3':  
 print(num1, "\*", num2, "=", multiply(num1, num2))  
  
 elif choice == '4':  
 print(num1, "/", num2, "=", divide(num1, num2))  
  
 # check if user wants another calculation  
 # break the while loop if answer is no  
 next\_calculation = input("Let's do next calculation? (yes/no): ")  
 if next\_calculation == "no":  
 break  
  
 else:  
 print("Invalid Input")

Output:-

C:\Users\abagd\PycharmProjects\TheEnterpreunershipNetwork\venv\Scripts\python.exe C:/Users/abagd/PycharmProjects/TheEnterpreunershipNetwork/Calculator1.py

Select operation.

1.Add

2.Subtract

3.Multiply

4.Divide

Enter choice(1/2/3/4): 1

Enter first number: 2

Enter second number: 1

2.0 + 1.0 = 3.0

Let's do next calculation? (yes/no):

**Thank you**