**TEAM ID :** **PNT2022TMID52830**

**Question : 1**

arr=list(map(int, input().split()))

print("Enter 'end' command after last input")

while(True):

com=input()

a=com.split()

if a[0]=='insert':

arr.insert(int(a[1]), int(a[2]))

elif a[0]=='print':

print(arr)

elif a[0]=='remove':

arr.remove(int(a[1]))

elif a[0]=='append':

arr.append(int(a[1]))

elif a[0]=='sort':

arr.sort()

elif a[0]=='pop':

arr.pop()

elif a[0]=='reverse':

arr.reverse()

else:

break

**Question : 2**

def add(x, y):

return x + y

def subtract(x, y):

return x - y

def multiply(x, y):

return x \* y

def divide(x, y):

return x / y

print("Select operation.")

print("1.Add")

print("2.Subtract")

print("3.Multiply")

print("4.Divide")

while True:

choice = input("Enter choice(1/2/3/4): ")

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))

next\_calculation = input("Continue calculation(y/n): ")

if next\_calculation == "n":

break

else:

print("Invalid Input")

**Question : 3**

def stringConcatenation(str1, str2):

return str1+str2

def stringReverse(str1):

return str1.reverse()

def stringSlice(str1, startIndex, endIndex):

return str1[startIndex:endIndex]

**Question : 4**

That's because **the language emphasizes readability and makes coding very easy**. Python is also the fastest-growing programming language in the world. Its high-level, interpreted, and object-oriented architecture makes it ideal for all types of software solutions.

**Question : 5**

Django

Pyramid

Web2py

CherryPy

**Question :6**

WSGI stands for Web Server Gateway Interface