In [1]:

```
print("Operations \n add - a \n substract - s \n multiply - m \n devide - d \n power - p
x = 1
while x != 0:

    import math
    operation = str(input("Enter operation: "))
    if operation == "p":
        num1 = float(input("Enter no : "))
        num2 = 1
        power = int(input("Enter power :"))
    elif operation == "sr":
        num1 = float(input("Enter no : "))
        num2 = 1
        power = 1
    else:
        num1 = float(input("Enter no 1: "))
        num2 = float(input("Enter no 2: "))
        power = 1

    def calculator(num1,num2,operation,power):
        if operation == "a":
            print(f"Total: {num1 + num2}")
        elif operation == "s":
            print(f"Total: {num1 - num2}")
        elif operation == "m":
            print(f"Total: {num1 * num2}")
        elif operation == "d":
            print(f"Total: {num1 / num2}")
        elif operation == "p":
            print(f"Total: {num1**power}")
        elif operation == "sr":
            print(f"Total: {math.sqrt(num1)}")
        else:
            print("Enter correct operation")

    calculator(num1,num2,operation,power)


    x = int(input("Want to continue(1) - Want to exit(0)"))
    if x == 0:
        break
```

```
Operations
 add - a
 substract - s
 multiply - m
 devide - d
 power - p
 square root- sr
 exit- e
Enter operation: p
Enter no : 2
Enter power :5
Total: 32.0
Want to continue(1) - Want to exit(0)1
Enter operation: sr
Enter no : 4
Total: 2.0
Want to continue(1) - Want to exit(0)0
```

In [ ]: