

```
def q1():
    print("\nSimple Addition Program")
    while True:
        try:
            num1 = int(input("\nPlease enter your FIRST number: "))
            num2 = int(input("Please enter your SECOND number: "))
        except:
            print("\nNot a number")
        else:
            print(f'\nYour total is {num1 + num2}')
            break
```

## Simple Addition Program

Please enter your FIRST number: 345  
Please enter your SECOND number: 234  
  
Your total is 579

```
def q2():
    print("\n3 Times Table\n")
    while True:
        try:
            limit = int(input("How high do you want the times table to go to: "))
            if limit < 1:
                raise ValueError # raise an exception to disallow inputs that are negative
        except ValueError:
            print("\nOnly integers that are larger than 0 are allowed\n")
        else:
            break
    print(" ")
    for i in range(1, limit + 1):
        print(f'{i} x 3 = {i * 3}')
```

## 3 Times Table

How high do you want the times table to go to: 3  
  
1 x 3 = 3  
2 x 3 = 6  
3 x 3 = 9

```
def q3():
    print("\nTimes Table Generator\n")
    ttable = int(input("Please enter the number of the times table you would like: "))
    while True:
        try:
            limit = int(input("How high do you want the times table to go to: ")) + 1
            if limit < 0:
                raise ValueError # raise an exception to disallow inputs that are negative
        except ValueError:
            print("\nOnly integers that are larger than 0 are allowed\n")
        else:
            break
    print(" ")
    for i in range(1, limit):
        print(f'{i} x {ttable} = {i * ttable}')
```

## Times Table Generator

Please enter the number of the times table you would like: 4  
How high do you want the times table to go to: 3  
  
1 x 4 = 4  
2 x 4 = 8  
3 x 4 = 12

```
def q4():
    print("\nConcatenator\n")
    fore = str(input("Please enter first name: "))
    last = str(input("Please enter last name: "))
    print(f'Your Full Name is {fore} {last}')
```

## Concatenator

Please enter first name: Trishan  
Please enter last name: Chudasma  
Your Full Name is Trishan Chudasma

```
def q5():
    print("\nKilogram to Stones & Pounds Converter\n")
    while True:
        try:
            kgMass = float(input("Please enter your mass in kilograms: "))
            if kgMass < 0:
                raise ValueError # exception raised if value provided is negative
        except ValueError:
            print("Mass has to be a positive value")
        else:
            break
    kgToPounds = kgMass * 2.20462
    stones = int(kgToPounds / 14) # int function rounds down the conversion from pounds to stones (better than importing math module)
    pounds = round(kgToPounds % 14)
    print(f'Your converted mass is {stones} st and {pounds} lb')
```

## Kilogram to Stones & Pounds Converter

Please enter your mass in kilograms: 75  
Your converted mass is 11 stones and 11 pounds