

In [ ]:

In [3]: *#Handling Error message*

```
total= 2+ two
print(total)
```

*# name error is returned becuse two diffrent data types cant be added together.  
#we can handle this error by defining boys then add them. Look below*

```
-----
NameError                                Traceback (most recent call last)
Input In [3], in <cell line: 2>()
      1 #Handling Error message
----> 2 total= 2+ two
      3 print(total)

NameError: name 'two' is not defined
```

```
In [15]: two = 2
total = 2 + two
print(total)
```

4

In [1]: *# Handling exception**# Age cal calculator*

User =input("Please enter your age")

**try:**

age= int(User)

print(f"you are {age//10} decades and {age%10} year old")

**except** ValueError:

print(f"'{User}'is not a valid number")

print("Try again")

you are 3 decades and 0 year old

In [ ]:

In [31]: User =input("Please enter your age")

**try:**

age= int(User)

**except** ValueError:

print(f"'{User}'is not a valid number")

print("Please try again...")

**else:**

print(f"you are {age//10} decades and {age%10} year old")

**finally:**

print("Thank you for stopping by, have a nice day.")

you are 4 decades and 5 year old

Thank you for stopping by, have a nice day.

In [30]: *# This function handle its own exceptions, it keeps prompting user to until valid***def** get\_decade\_age():**while** True:**try:****return** int(input("Please enter your age"))**except** ValueError:

```
        print('Error:Response is not a valid number')
        print("Please try again..., enter an int")
print(f"you are {get_decade_age()/10} decades year old") # The calculate users age
print("Thank you for stopping by, have a nice day.")
```

```
Error:Response is not a valid number
Please try again..., enter an int
```

```
Error:Response is not a valid number
Please try again..., enter an int
```

```
you are 6.0 decades year old
Thank you for stopping by, have a nice day.
```

In [ ]:

In [ ]: