- try:
    - ##actual code###
- except:
    - ###whenever you will encounter an error in try block you will be in except block####

In [ ]:

In [2]:
```python
try:
    print("now im in try block")
    num1 = eval(input("enter a num1:"))
    num2 = eval(input("enter a num2:"))
    print(num1/num2)

except:
    print("you got error in he try block")
    print("now i am in except block")
    print("now I will show the error")
    print("zero division error")
    num1 = eval(input("enter a num1:"))
    num2 = eval(input("enter a num2:"))
    print(num1/num2)
```

```
now im in try block
enter a num1:12
enter a num2:263
0.045627376425855515
```

In [4]:
```python
str1 = 'hello'
str2='python'
print(str1)
print(str2)


####################################
try:
    n1=20
    n2=0
    print(n1/n2) #20/0 error
except:
    print("zero diviosn error")
####################################
str1 = 'hello'
str2='python'
print(str1)
print(str2)
str1+str2
```

```
hello
python
zero diviosn error
hello
python
```

Out[4]: 'hellopython'

In [5]:
```python
try:
    num1 = eval(input("enter a num1:"))
    num2 = eval(input("enter a num2:"))
    print(num1/num2)
except Exception as e:
    print(e)
```

```
enter a num1:56
enter a num2:0
division by zero
```

In [6]:
```python
try:
    num1 = eval(input("enter a num1:"))
    num2 = eval(input("enter a num2:"))
    print(num1/num2)
except Exception as e:
    print(e)
```

```
enter a num1:89
enter a num2:sfgh
name 'sfgh' is not defined
```

- here we are supposed to display the respective errors wich are shown in the compiler itself hence we are
- supposed to hence we will use the following line
- try:

###########

- except Exception as e: print(e)

In [9]:
```python
try:
    num=eval(input("Enter a number"))
    if num%2==0:
        print(f'Number {num} is even')
    else:
        print(f"Number {num} is odd")
except Exception as e:
    print(e)
print("Aishwarya Ramaiah Kumar") #this is free area hence nothing matters it wi
#print whatver we give as its notinside the indentation of ry and exception blc
```

```
Enter a number65461d13vvvv
invalid decimal literal (<string>, line 1)
Aishwarya Ramaiah Kumar
```

In [10]:
```python
try:
    num=eval(input('Enter the number between 1 to 100: '))
    if num>=50:
        print('greater than or equal to 50')
    else:
            print('less than 50')
except Exception as e:
    print(e)
```

```
Enter the number between 1 to 100:  d d
invalid syntax (<string>, line 1)
```

In [11]:
```python
try:
    num=eval(input('Enter the number between 1 to 100: '))
    if num>=50:
        print('greater than or equal to 50')
    else:
            print('less than 50')
except Exception as e:
    print(e)
```

```
Enter the number between 1 to 100: 6
less than 50
```

In [ ]:
```python
download==code==manager===upload
```

In [ ]:
```python
#Every code we can write in try and exception methods
```

In [12]:
```python
try:
    import time
    id1=input('Conductor: Do you have id yes or no? ')
    if id1=='yes':
        print('Enjoy the free bus')
    else:
        print('conductor:pay the money')
        time.sleep(2)
        print('mother: how much')
        time.sleep(2)
        print(' conductor: how many kilometers')
        time.sleep(2)
        print('mother : how much fare for km')
        fare=eval(input( 'conductor : the fare is rs per km'))
        distance=eval(input("mother: the distance in km is "))
        total =fare*distance
        print(f'The total cost is {total}')
except Exception as e:
    print(e)
```

```
Conductor: Do you have id yes or no? xx
conductor:pay the money
mother: how much
 conductor: how many kilometers
mother : how much fare for km
conductor : the fare is rs per km56
mother: the distance in km is 26
The total cost is 1456
```

- basic codes
  - eval
  - input
- if-else cnditions
- try-except
- variables
- data types
- type casting

In [ ]:

In [ ]: