In [ ]:

```
#1. Write a function to compute 5/0 and use try/except to catch the exceptions.
```

In [2]:

```
#so i am assuing to divide 5 by 0 ,
#infact which is not possible and we get error.

def divide():
    try:
        num = int(input("please do enter a value for num: "))#here i have taken input from
        if num%0 == 0:# so any integer divided by 0 doesnt give remainder 0(infact its not
            print (True)
    except:
        print("its unsuccessful")
    else:
        print("its successful")
    finally:
        print("wrap up everything and close database")
```

In [3]:

```
divide()
```

```
please do enter a value for num: 5
its unsuccessful
wrap up everything and close database
```

In [ ]:

```
#2. Implement a Python program to generate all sentences where subject is in
#["Americans", "Indians"] and verb is in ["Play", "watch"] and the object is in
#["Baseball","cricket"].
#Hint: Subject,Verb and Object should be declared in the program as shown below.
#subjects=["Americans ","Indians"]
#verbs=["play","watch"]
#objects=["Baseball","Cricket"]


#Output should come as below:
#Americans play Baseball.
#Americans play Cricket.
#Americans watch Baseball.
#Americans watch Cricket.
#Indians play Baseball.
#Indians play Cricket.
#Indians watch Baseball.
#Indians watch Cricket.
```

In [5]:

```python
subjects = ["Americans", "Indians"]
verbs = ["play", "watch"]
objects = ["Baseball", "Cricket"]

def output(subjects,verbs,objects):
    for i in range(len(subjects)):
        for j in range(len(verbs)) :
            for k in range(len(objects)):
                print(subjects[i]+' '+verbs[j]+' '+objects[k])
```

In [6]:

```python
output(subjects,verbs,objects)
```

```
Americans play Baseball
Americans play Cricket
Americans watch Baseball
Americans watch Cricket
Indians play Baseball
Indians play Cricket
Indians watch Baseball
Indians watch Cricket
```

In [ ]: