

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

In [13]:

```
def compute(a,b):  
    try:  
        print(a/b)  
    except ZeroDivisionError as ex:  
        print("Do't pass 0")
```

In [14]:

```
compute(10,0)
```

Do't pass 0

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"].

In [61]:

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

In [66]:

```
def gensen(a,b,c):  
    for i in range(0,len(a)):  
        for k in range(0,len(b)):  
            for m in range(0,len(c)):  
                print(a[i] + " " + b[k] + " " + c[m])
```

In [67]:

```
gensen(subjects,verbs,objects)
```

```
Americans play Baseball  
Americans play Cricket  
Americans play Badminton  
Americans watch Baseball  
Americans watch Cricket  
Americans watch Badminton  
Indians play Baseball  
Indians play Cricket  
Indians play Badminton  
Indians watch Baseball  
Indians watch Cricket  
Indians watch Badminton  
Pakistanis play Baseball  
Pakistanis play Cricket  
Pakistanis play Badminton  
Pakistanis watch Baseball  
Pakistanis watch Cricket  
Pakistanis watch Badminton
```

In []: