

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

```
In [1]: def division_by_zero():  
        return 5/0  
  
        try:  
            division_by_zero()  
        except ZeroDivisionError as e:  
            print("Handle run time 'division by zero' error: ",e)
```

Handle run time 'division by zero' error: division by zero

## 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 [11]: subject=["Americans", "Indians"]  
        verb=["Play", "watch"]  
        obj=["Baseball","cricket"]  
  
        sentence_list = [(sub+" "+ vb + " " + ob) for sub in subject for vb in verb for  
        ob in obj]  
        for sentence in sentence_list:  
            print(sentence)
```

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 [ ]: