

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

```
In [5]: def divide_by_zero(number, zero):
        return number/zero

        try:
            divide_by_zero(5, 0)
        except ZeroDivisionError as e:
            print("Run-time 'Div by 0' error Handling:", e)
```

Run-time 'Div by 0' error Handling: division by zero

1. 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"]

```
In [6]: subjects = ["Americans", "Indians"]
        verbs = ["Play", "watch"]
        objects = ["Baseball", "cricket"]

        list = [(sub+" "+ vb + " " + ob) for sub in subjects for vb in verbs for ob in ob]
        for X in list:
            print(X)
```

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 [ ]: