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

In [14]:
```python
class Compute:
    def compute_division(self):
        try:
            5/0
        except ZeroDivisionError as e:
            print("Zero division exception caught &  exception details, ", e)

c = compute()
c.compute_division()
```

Zero division exception caught &  exception details,  division by zero

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 [29]:
```python
subjects=["Americans","Indians"]
verbs=["play","watch"]
objects=["Baseball","Cricket"]

class GenerateSentence:
    def generate_sentences(self):
        for i in subjects:
            for j in verbs:
                for k in objects:
                    print(i, j, k, end='.\n')


obj = GenerateSentence()
obj.generate_sentences()
```

```
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 [ ]: