In [1]:
```
"""
Write a function to compute 5/0 and use try/except to catch the exceptions.
"""
def Div_by_zero():
    return 5/0
try:
    Div_by_zero()
except ZeroDivisionError as e:
    print("Handle run-time 'div by 0'error:", e)

```

```
Handle run-time 'div by 0'error: division by zero
```

In [2]:
```
"""
2. Implement a Python program to generate all sentences where subject is in ["
"Indians"] and verb is in ["Play", "watch"] and the object is in ["Baseball","
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.
"""

subjects=["Americans", "Indians"]
verbs=["Play", "watch"]
objects=["Baseball","cricket"]

# Use list comprehension instead of looping over each of the predicates
sentence_list = [(sub+" "+ vb + " " + ob) for sub in subjects for vb in verbs
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 [ ]:
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In [ ]:
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In [ ]:
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