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

**Code:**

def throws():

return 5/0

try:

throws()

except ZeroDivisionError:

print ("division by zero!")

except Exceptionerror:

print ('Caught an exception')

**Output:**

division by zero!

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.

**Code:**

subject=["Americans", "Indians"]

verb=["Play", "watch"]

obj=["Baseball","Cricket"]

# Use list comprehension instead of looping over each of the predicates

sentence\_list = [(sub+" "+ vb + " " + ob) for sub in subject for vb in verb for ob in obj]

for sentence in sentence\_list:

print (sentence)

**Output:**

Americans Play Baseball

Americans Play Cricket

Americans watch Baseball

Americans watch Cricket

Indians Play Baseball

Indians Play Cricket

Indians watch Baseball

Indians watch Cricket