Exception Handling Assignment

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

```
In [5]: def div(i,j):
            try:
                print(i/j)
            except Exception as e:
                print("You can't divide a number by zero.The Exception is :",e)

        div(5,0)
```

```
You can't divide a number by zero.The Exception is : 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.

```
In [11]: subjects=["Americans ","Indians"]
         verbs=["play","watch"]
         objects=["Baseball","Cricket"]
         for i in subjects:
             for j in verbs:
                 for k in objects:
                     print(i,end=" ")
                     print(j,end=" ")
                     print(k)
```

```
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 [ ]:
```