

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

```
In [2]: def try_except():
        try:
            x=5/0
        except Exception as ex:
            print("The exception is :- {}".format(ex))

try_except()
```

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 [3]: subjects=["Americans","Indians"]
verbs=["play","watch"]
objects=["Baseball","Cricket"]
lines = [(s+" "+v+" "+ o) for s in subjects for v in verbs for o in objects]
for l in lines:
    print(l)
```

```
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 []:

