

Python Advance Assignment_6

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Q1. Describe three applications for exception processing.

Answer - The three methods are as follows :- (1)try --> Block of code which might throw Exception (2)Except --> It catches the exception (3)Finally --> Block of code which will always be executed even after exception is thrown.

Q2. What happens if you don't do something extra to treat an exception?

Answer - If don't use exception handling, then in that scenario if exception will be thrown then application will stop completely and no further processing will be done.

Q3. What are your options for recovering from an exception in your script?

Answer - We can put our code in try and except Block something like below in order to recover from the exception : try:

```
## piece of code

except Exception e:

    print(e.with_traceback)
```

Q4. Describe two methods for triggering exceptions in your script.

In [2]:

```
# Answer of Q4
# Without Exception Handling
#Example 1
def ans():
    a = int(input())
    ans = a/0
    print(a)
# Example 2
def ans1():
    a= 5+"dfda"
```

In []:

```
ans()
ans1()
```

In [5]:

```
# With Exception Handling
#Example 1
def ans():
    try:
        a = int(input())
        ans = a/0
        print(a)
    except Exception as e:
        print(e.with_traceback)
#Example 2
```

```
def ans1():  
    try:  
        a= 5+"dfda"  
    except Exception as e:  
        print(e.with_traceback)
```