

Custom Exceptions

```
In [3]: class CustomException(Exception):  
        pass
```

```
def causeError():  
    raise CustomException('You called the causeError function!')  
  
causeError()
```

```
-----  
CustomException                                Traceback (most recent call last)  
Input In [3], in <module>  
      5 def causeError():  
      6     raise CustomException('You called the causeError function!')  
----> 8 causeError()  
  
Input In [3], in causeError()  
      5 def causeError():  
----> 6     raise CustomException('You called the causeError function!')  
  
CustomException: You called the causeError function!
```

Adding Attributes

```
In [4]: class HttpException(Exception):
        statusCode = None
        message = None
        def __init__(self):
            super().__init__(f'Status code: {self.statusCode} and message is: {self.message}')

        class NotFound(HttpException):
            statusCode = 404
            message = 'Resource not found'

        class ServerError(HttpException):
            statusCode = 500
            message = 'The server messed up!'

        def raiseServerError():
            raise ServerError()

raiseServerError()
```

 ServerError Traceback (most recent call last)

Input In [4], in <module>
 15 def raiseServerError():
 16 raise ServerError()
 ---> 18 raiseServerError()

Input In [4], in raiseServerError()
 15 def raiseServerError():
 ---> 16 raise ServerError()

ServerError: Status code: 500 and message is: The server messed up!

In []: