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]]: #List down all the error types and check all the errors using a python program for all errors
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```
]]: import pandas as fd
```

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ModuleNotFoundError                                Traceback (most recent call last)  
<ipython-input-2-7c8b08deda75> in <module>  
----> 1 import pandas as fd  
  
ModuleNotFoundError: No module named 'pandas'
```

```
]]: def favorite_ice_cream():  
    ice_creams = [  
        'chocolate',  
        'vanilla',  
        'strawberry'  
    ]  
    print(ice_creams[3])  
  
favorite_ice_cream()
```

```
-----  
IndexError                                Traceback (most recent call last)  
<ipython-input-4-550a6ee3fdcd> in <module>  
      7     print(ice_creams[3])  
      8  
----> 9 favorite_ice_cream()  
  
<ipython-input-4-550a6ee3fdcd> in favorite_ice_cream()  
      5     'strawberry'  
      6     ]  
----> 7     print(ice_creams[3])  
      8  
      9 favorite_ice_cream()  
  
IndexError: list index out of range
```

```
[6]: print "hello"
```

```
File "<ipython-input-6-2a0eaa89f43f>", line 1
```

```
    print "hello"
```

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      ^
```

```
SyntaxError: Missing parentheses in call to 'print'. Did you mean print("hello")?
```

```
[ ]: # Design a simple calculator app with try and except for all use cases
```

```
[7]: def division():
      try:
          result = first / second
          print(result)
      except Exception as e:
          print(e)

      try:
          first = int(input())
          second = int(input())
          division()
      except Exception as e:
          print("You can't put anything but integer numbers")
```

58

75

0.7733333333333333

```
n [ ]: #print one message if the try block raises a NameError and another for other errors
```

```
[11]: try:
      b = 754
      if b==754:
          print(a)
          raise NameError("Name error")
      if b>0:
          raise ValueError("Value error")
  except NameError as ne:
      print(ne)
  except ValueError as ve:
      print(ve)
```

name 'a' is not defined

```
n [ ]: #When try-except scenario is not required?
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n [ ]: #Try getting an input inside the try catch block
```

```
[13]: try:
      num=int(input('Enter your number: '))
  except:
      print('You have entered an invalid value.')
```

Enter your number: 45