**OOPS - 3**

# ABSTRACT

* + **Enforcement**
  + All the child class that are using abstract class must have all of its abstract method and attributes.
  + Abstract class and method should **not** have **any implementation**.
  + By default python doesn’t support abstract. We need to import **abc** module
  + Blueprint -> forcing every class that inherit abstract class to use abstract method
  + We can or cannot use non abstract methods in child class
  + Must put abstract decorator at the beginning of every abstract method

E.g.: <https://github.com/bsdharshini/OOPS-3/blob/main/a_abstract_example_1.py>, <https://github.com/bsdharshini/OOPS-3/blob/main/b_a_abstract_example_2.py>

# ERROR

Type of error:

1. Unexpected EOF while parsing
2. Out of memory
3. Recursion error
4. Indentation error

# EXCEPTION

1. Type error: 2+ ‘he’
2. Zero division error
3. Value error
4. Name error
5. Refer docs.python.org website

E.g.: <https://github.com/bsdharshini/OOPS-3/blob/main/c_exception_handling.py>

**CUSTOM EXCEPTION:**

E.g.**:** <https://github.com/bsdharshini/OOPS-3/blob/main/d_custom_exception.py>