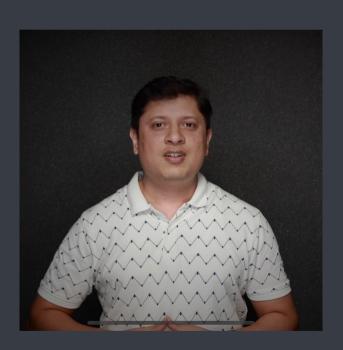# Full stack web development using python

Defining Own Exception

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Agenda

1. raise exception
2. User defined exception

$c = a/b$ ← implicit raise

raise ZeroDivisionError( ) ← implicit raise

① implicit raise — Default exception handler
② implicit raise — Explicit exception handler
③ explicit raise — Default exception handler
④ explicit raise — Explicit exception handler

raise

raise Keyword is used to raise an exception.

You can raise only Exception or its descendant class object

User defined Exception

- You can define your own exception class

- You need to define your exception class by inheriting attributes of the **Exception** class

```python
class InsufficientBalanceError(Exception):
    def __init__(self, value):
        self.value = value

    def __str__(self):
        return (self.value)


try:
    raise InssufficientBalanceError("Low balance")
except InsufficientBalanceError as e:
    print(e.value)
```