# inheritance in oops eng

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```python
[1]: class parent:

         def test_parent(self) :
             print("this is my parent class ")
```

```python
[2]: class child(parent):
         pass
```

```python
[3]: child_obj = child()
```

```python
[4]: child_obj.test_parent()
```

```
this is my parent class
```

```python
[5]: class class1 :
         def test_class1(self) :
             print("this is my class1 " )
```

```python
[9]: class class2(class1) :
         def test_class2(self) :
             print("this is my class2" )
```

```python
[10]: class class3(class2) :
          def test_class3(self) :
              print("this is my class3 ")
```

```python
[11]: obj_class3  = class3()
```

```python
[12]: obj_class3.test_class1()
```

```
this is my class1
```

```python
[13]: obj_class3.test_class2()
```

```
this is my class2
```

```python
[14]: obj_class3.test_class3()
```

this is my class3

[15]:
```python
class class1:
    def test_class1(self) :
        print("this is my class 1" )
```

[16]:
```python
class class2 :
    def test_class2(self) :
        print("this is my class 2")
```

[17]:
```python
class class3 (class1 , class2) :
    pass
```

[18]:
```python
obj_class3 = class3()
```

[20]:
```python
obj_class3.test_class1()
```

    this is my class 1

[21]:
```python
obj_class3.test_class2()
```

    this is my class 2

[ ]: