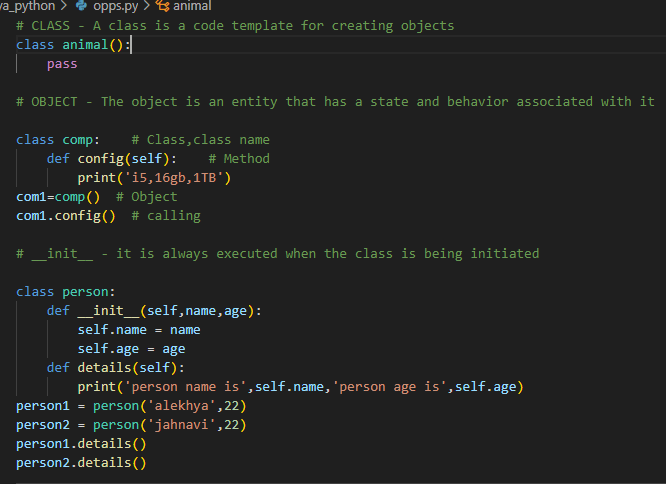
**Alekhya Krishna Balivada Python Day 6 Assessment-6(18-12-2023)**

**OOPS:** Object Oriented Programming

**Class:** A class is a code template for creating object.

**Object:** Instance of class.

**\_\_init\_\_:** It is always executed when the class is being executed.

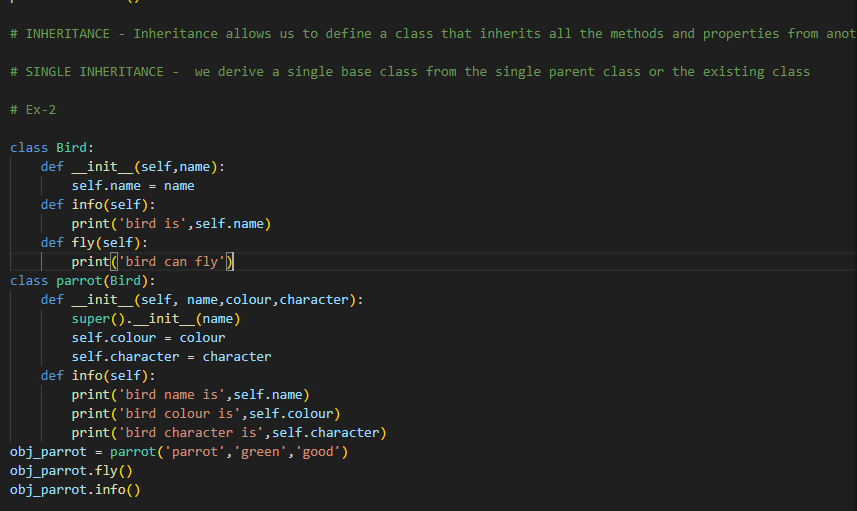
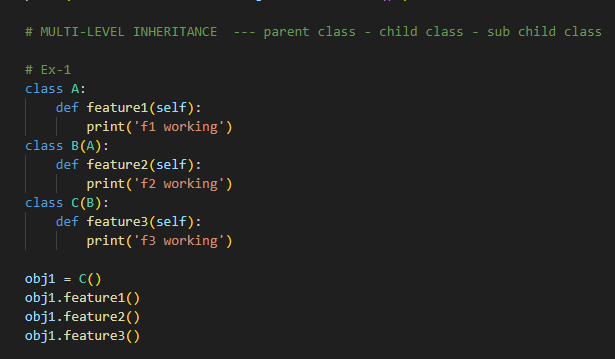


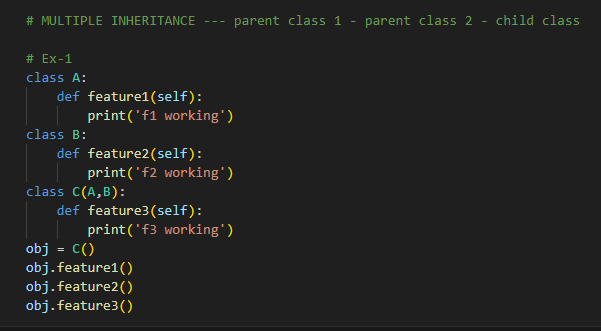
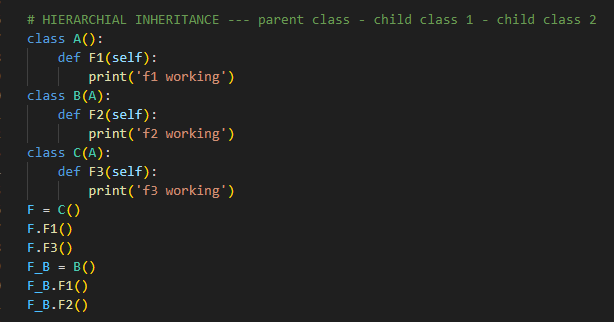
**Inheritance:** It allows us to define a class that inherits from another class.

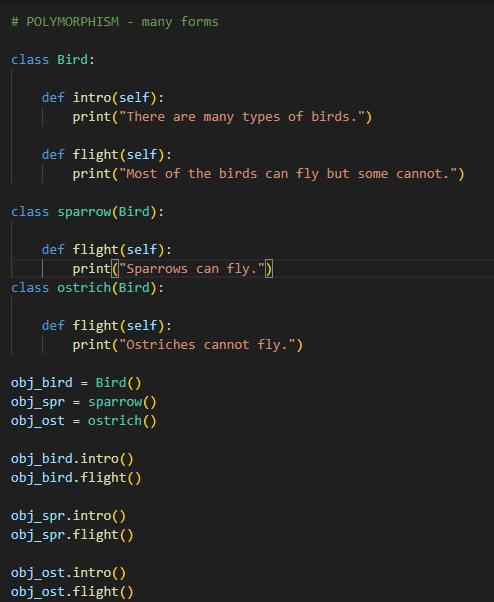
**Types of inheritance**: 1. Single Inheritance

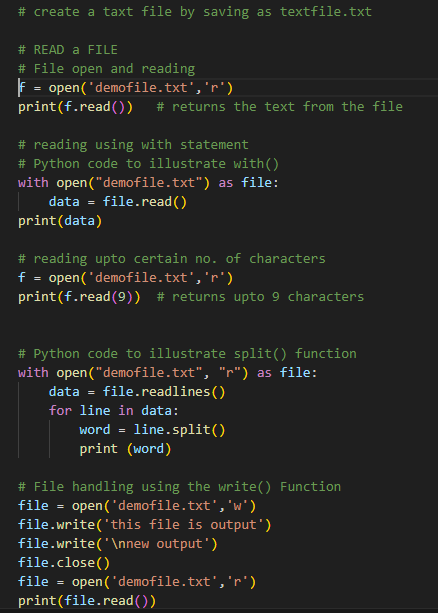
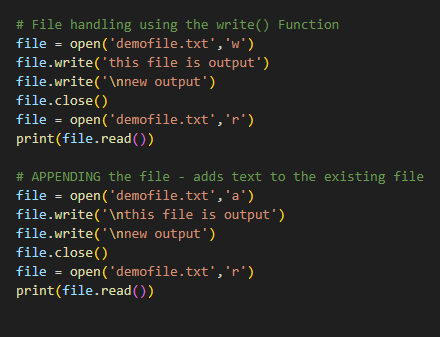
2. Multi-level Inheritance

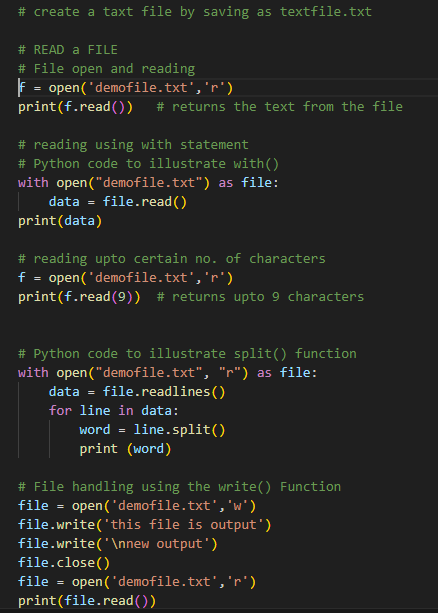
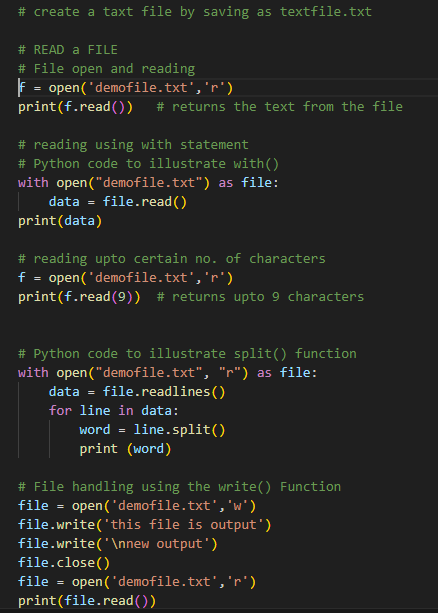
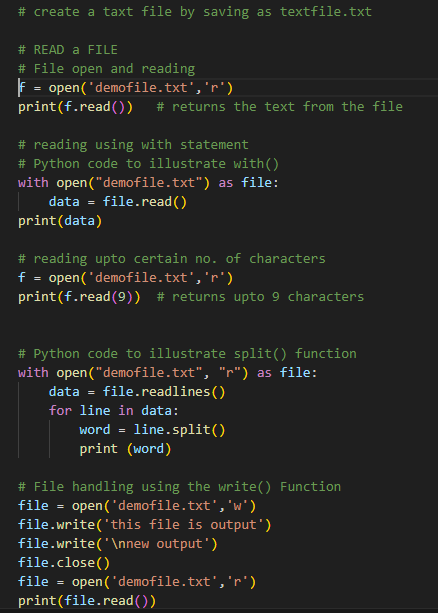
3. Multiple Inheritance

 4. Hierarchial Inheritance

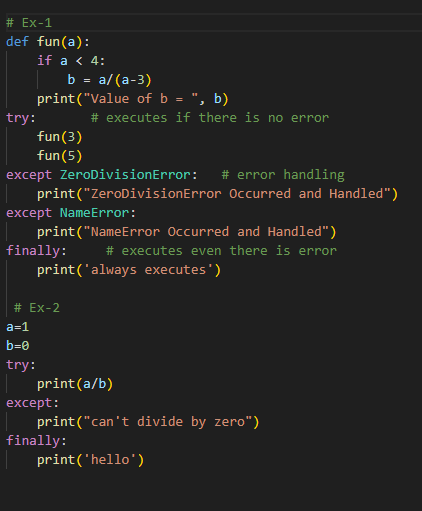


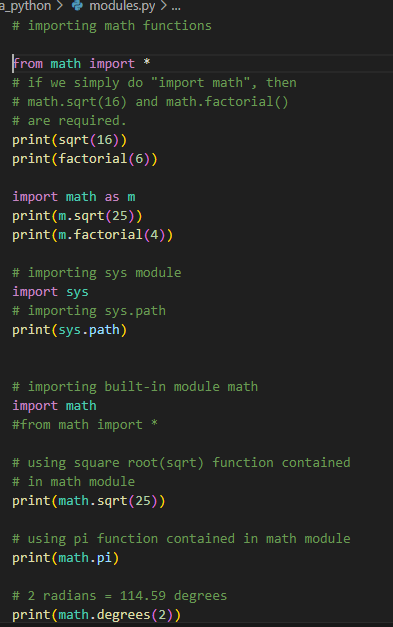
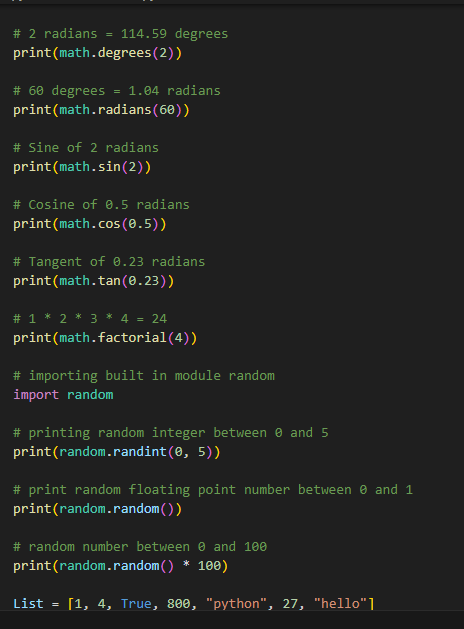
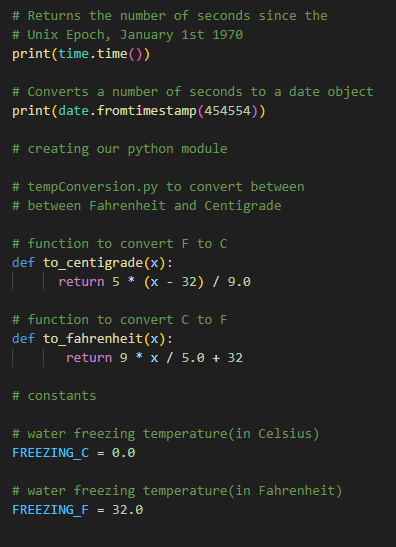
**Polymorphism:**

**File Handling:**

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**Try, Except & Finally:**

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**Modules:**