**II OBJECT-ORIENTED PROGRAMMING (C++)**

1. What is an Abstract class?

This is a class that an object cannot be directly instantiated from. It serves as a blueprint for other classes to inherit from.

1. Characteristics of an abstract class:

* Cannot be directly instantiated: objects cannot be directly created from an abstract class. It exists solely to be inherited by another class.
* Can have abstract methods. Abstract methods are methods with no implementation. Subclasses will provide concrete implementations to these methods.
* Can have attributes: an abstract class can define class-level attributes that are inherited by its subclasses. Subclasses can use or override them.