What is an Abstract Class?

- An abstract class in C++ is a class that contains at least one pure virtual function, and these classes cannot be instantiated.

- Abstract class may have variables and normal functions.

- The derived classes of an abstract class must implement all the pure virtual functions of their base class or else they become abstract too.

```cpp
class Shape {
public:
    virtual void draw() = 0; // Pure virtual method
    void move() {
        // Default implementation for moving the shape
    }
};

class Circle : public Shape {
public:
    void draw() override {
        // Implementation for drawing a circle
    }
};
```