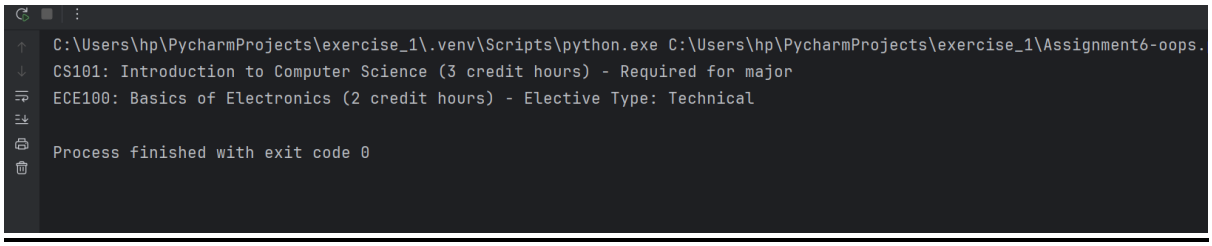
Tasks and Results

Task 1:

Build a program to manage a university's course catalog. You want to define a base class Course that has the following properties: course_code: a string representing the course code (e.g., "CS101") course_name: a string representing the course name (e.g., "Introduction to Computer Science") credit_hours: an integer representing the credit hours for the course (e.g., 3) You also want to define two subclasses CoreCourse and ElectiveCourse, which inherit from the Course class. CoreCourse should have an additional property required_for_major which is a boolean representing whether the course is required for a particular major. ElectiveCourse should have an additional property elective_type which is a string representing the type of elective (e.g., "general", "technical", "liberal arts")



Task 2:

Create a Python module named employee that contains a class Employee with attributes name, salary and methods get_name() and get_salary(). Write a program to use this module to create an object of the Employee class and display its name and salary.