

Python Lab 9. Object Oriented Programming

Design and implement a software system for a supermarket that handles billing, inventory management, and HR functionalities using object-oriented programming in Python. Begin by identifying the main objects, their attributes, and methods required for each module. Then, develop the software by creating classes and methods to represent these objects and functionalities. Ensure that the software allows for adding and removing products from inventory, generating bills for customers, managing employee information, and handling HR tasks such as payroll and scheduling.

Test the software with sample data to demonstrate its functionality.