1) Create a user-defined package to implement respective functions

2) The package should have at least 5 modules.

3) It should be a menu driven program

4) It should be a proper project, such as a management system or a login page

(if it is a login page then it should navigate to that particular site)

Ans:- Here's an example of how the project could be structured:-

management_system/   # Package name

  __init__.py   # Initialization file

  modules/   # Subdirectory for modules

    __init__.py

    module1.py   # Module 1

    module2.py   # Module 2

    module3.py   # Module 3

    module4.py   # Module 4

    module5.py   # Module 5

  main.py   # Main program (menu-driven)

Here's an example implementation for each part:-

1. User-defined package:- **management_system** Create a directory called **management_system**. Inside that directory, create an empty **__init__.py** file.

2. Modules:- **module1.py**, **module2.py**, **module3.py**, **module4.py**, **module5.py** Inside the **modules** directory, create five Python files: **module1.py**, **module2.py**, **module3.py**, **module4.py**, and **module5.py**. Each file should contain the implementation of respective functions related to the management system. You can define classes, functions, or any logic that suits your management system requirements.

3. Menu-driven program:- **main.py** Create a file called **main.py** in the root directory (**management_system**). This file will serve as the entry point for the program. Implement a menu-driven system that allows the user to choose various options and interact with the modules defined in the previous step. You can use loops and conditionals to create the menu and handle user input.

4. Proper project:- Management System Based on the provided requirements, it seems that a management system is expected. You can design a simple management system for any domain,

such as a student management system or a product inventory management system. The specific details of the project will depend on your requirements and preferences.