Python case study

All the code should be saved with the ADID.py

All the code should be with codding standards

Use the concepts like exceptions, file management, Oops

Proper naming to the variable and functions and class and checked.

All the code should be supported with comments to explain importance of the functions variable etc

Title - Employee Management

Case:

There is a need to prepare a class called Employee with data as below

Empid

Ename

Sal

Deptno

Need to develop functions called Add_Emp() and Display_Emp()

While accepting the data these are the important validation to be taken care

Need accept the data at command prompt

Like empid must be of 3 digits or more and it should be unique

All the names covert to upper case even if it is in lower case enter by end user

Sal should be more then 3000

Deptno must be 10 or 20 or 30

All the employees added should be added into a file called emp.txt

There is need to create a function called Separate_Data

This will separate the data in Emp.txt into three different files as

Emp_10.txt with all the employees working in deptno 10,emp_20.txt with all working in dept 20 and emp_30.txt with deptno 30 employees. For better performance we should user lists

There function call should be menu driven

1. Add_emp
2. Display_emp
3. Separate_data
4. Exit