



Hands-On Prerequisite Python in AI

Exercises 15

Deadline: 2023 7 June

Score: 1200

2023 30 May



Hands-On Prerequisite Python in AI

Exercises 15

Score: 800

2023 30 May

Question 1

300

Write the school management project as follows.

1. The project includes two classes, school class and student class.
2. The school class contains two main attributes, a list to store students and a variable to specify the maximum number of students in the school.
3. The students class must contain at least four attributes.
4. One of the attribute of each student is the student number, which we do not have duplicates.
5. In this project, we should be able to display the operations of adding, deleting, editing, displaying the information of all students and searching for students in the school.
6. Searching should be based on name (if there are multiple students with the same name, all of them will be displayed)
7. The program should continue until the user enters "exit".



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Exercises 16

Score: 400

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Question 1

300

Write sample codes for Inheritance, Encapsulation, Polymorphism, and Abstraction in Object-Oriented Programming.

Thanks

Good Luck!
