Hospital Management

Project goal: Understanding basic Object Oriented Concepts with arrays and basic

flow controls

Requirements: A hospital with ‘x’ number of departments and each department with ‘y’ number of wards and each ward with ‘z’ number of patients should be created. The details of the hospital with details of departments, wards, and patients should be printed as an output on the screen. The hospital prints its details and delegates the responsibility of printing department details to the respective departments under that hospital. The departments should further delegate the

responsibility to print the details of wards and patients to wards and patients respectively after printing the department details. The hospital can contain details like name, place, etc. Department can contain details like name and building/floor number, etc. A patient can contain details like name, age, etc. Wards can contain details like ward number, total capacity, etc.

Recommended steps: Implement the first version without using arrays. Then factor arrays and

various loops as a second version