Write java Program on Hospital Bed Enquiry systems. Try to use Interface if possible. Store all the data taken input via scanner.

Submission Guideline: Please create a new repo named 'zorba_Assignment_submission' and then inside create project names 'HospitalSystems' and push to GitHub and add me as collaborator.

PART A:

Create a table named 'Hospital_Bed_info' add column as 'bed_id'(primary key), 'bed_type', 'bed_charges_rate', 'hospital_id'(foreign key).

Create a class names HospitalBedInfo with instance variables as 'bedType', 'bedId', 'bedChargesRate', 'hospital_id'.
Take input of all these above 3 parameter (There will be 2 rows in the 'Hospital_Bed_info' tables as mentioned below)
    bedId = BE01, bedType = Emergency, bedChargesRate = $50 per day.
    bedId = BN01, bedType = Regular, bedChargesRate = $30 per day.

Store above data into database using jdbc.

Create 2 new table named 'Hospital' and add column as 'hospital_id', (primary key) 'hospital_name', 'patient_id' (foreign key)
            and   'Patient' add column as 'patient_id',(primary key) 'patient_name', 'patient_type', 'no_of_Days', 'total_Bed_Charges'.

Create a class name Hospital with instance variables like 'hospitalId', 'hospitalName'
            Take input as 'hospitalId', 'hospitalName'

            another class name Patent with instance variables like 'patientId', 'patientName', 'patientType' (Critical/Normal), noOfDays
            Take input as 'patientId', 'patientName', 'patientType', 'noOfDays'.

            If Patient type is critical then get from 'Hospital_Bed_info' table as bedType -> Emergency and bedId -> BE01 and totalBedCharges need to be calculated where bedChargesRate would be $50 per day,
            If Patient type is Normal then then get from 'Hospital_Bed_info' table as bedType -> Regular and bedId -> BN01 and totalBedCharges need to be calculated where bedChargesRate would be $30 per day,

            ** totalBedCharges calculation formula below:
                    totalBedCharges = (bedChargesRate * noOfDays);

PART B:

Once all data inserted to corresponding columns in the respective table, then we need to store the below information to the excel file.

We need to store:
1. Hospital name
2. Patient name
3. Patient Type
4. Bed Type
5. No Of Days
6. Total Bed Charges.

Hint: Use join to get the above information for the above 3 tables.