

Assignment - 23

Spring

- Q1 : Make a small Spring Application, which has the following beans
 - Student -> Name, List Of PhoneNumber, ID, roll Number, Email, Address, Marks
 - Phone Number: Country Code, Type Of Number, Phone Number
 - Name : First Name, Last Name, Middle Name
 - Address: House Number, Street Name, City, State & Country
 - Marks : Subject Individual Marks, Average, Needs Improvement[] - if marks are less than 50.
 - Subject: Subject Name, Maximum Marks, Marks Obtained

Example:

Student: Aditya Dua

{+91-8826665888, Mobile}.....

1

1

abc@gmail.com

Address object

m:

[english, 80,100],[maths,75,100].....

80+75/2

needs

Q2: Write a Spring Application to connect the application to the DB -> JDBC

Bean: DbUtil -> Kind of connector- url, type, service name, password, username
You can establish the connection....

Q3: Create a Mail Utility using Spring.

1) Config Bean or a MailInit->

Properties : setter Injection

host, username,password

auth, port

Based on this you need to test your bean

2) SendMail : Bean

will have an object of the above bean,config-> using

Send Email, 3 params-> to[],subject,message

Java Project, add java.mail-> is needed