Preparation:

1. Create your MS SQL database named **TestFinal by running code in script SQLFile.sql.**

Questions:

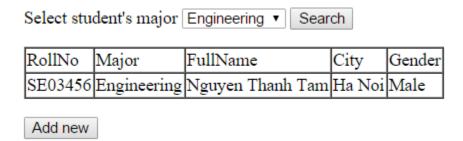
Create an **index.jsp** page with GUI as below figures:

Select student's major All ▼ Search							
RollNo	Major	FullName	City	Gender			
SB03901	Business	Hoang Lan Phuong	Phu Tho	Female			
SE03456	Engineering	Nguyen Thanh Tam	Ha Noi	Male			
Add new]						

Requirements:

- Values for select control are **All, Engineering, Business and Others**. By default the selected value of select control is **All (0.1 Point)**
- At the running time, display the information of all students as table (**2.0 Point**), order by Major (**0.2 Point**)

When the users select an item from select control and click Search, display the information of all Students who have major is equal to selected major from select control (2.5 point). Data must be displayed on the page index.jsp, and the selected value on select control must be set to the one that has been selected (1.0 Point).



The table must have the same columns with one in above figures and must on page index.jsp

When the users click on **Add new** button, browse to page **add.jsp** which will display the input form as the below figures (1.0 Point).

Enter the information of Student



Requirements:

- Values for select control are **Engineering, Business and Others**. By default the selected value of select control is Engineering (**0.1 Point**).

When the users click on **Save** button, validate the data on the input form as rules:

- Require data for all text fields (**0.3 Point 0.1 Point for each error message**).
- Roll no must start with SE if major is Engineering and must start with SB if the major is Bussiness (**0.2 Point**).
- Gender must be selected (**0.1 Point**).

All the validation must be DONE on **add.jsp** page.

When the validation is correct. Save information on input form to Student table (2.0 Point) and browse back to page list.jsp.

Enter the information of Student



When user clicks on the Cancel button, browse back to page **list.jsp** (0.5 Point)

Select student's major All ▼ Search

RollNo	Major	FullName	City	Gender
SB03901	Business	Hoang Lan Phuong	Phu Tho	Female
SE03456	Engineering	Nguyen Thanh Tam	Ha Noi	Male
IA01234	Others	Nguyen Bao Anh	Ha Tay	Male

Add new