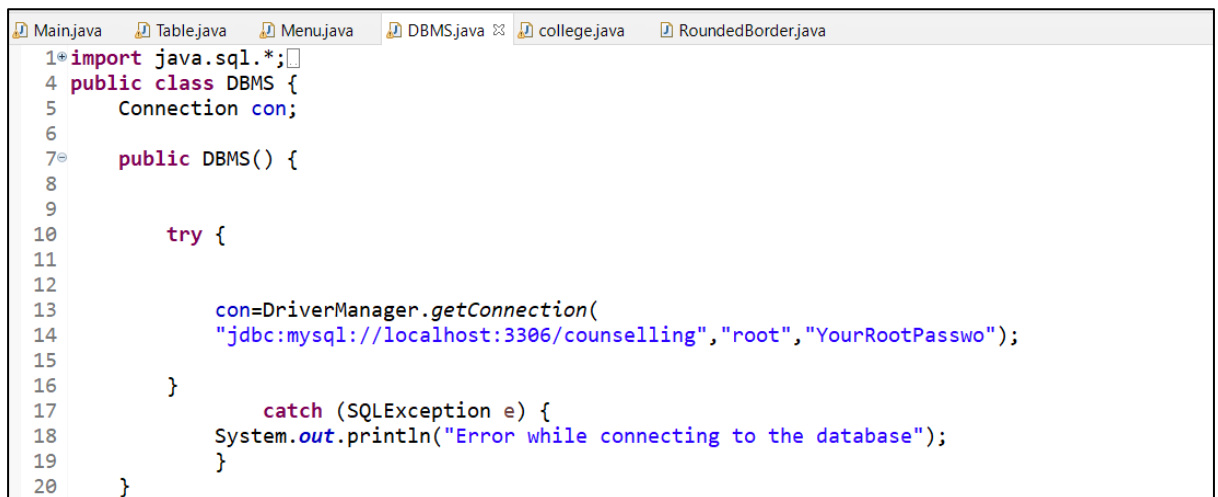


College Counselling System

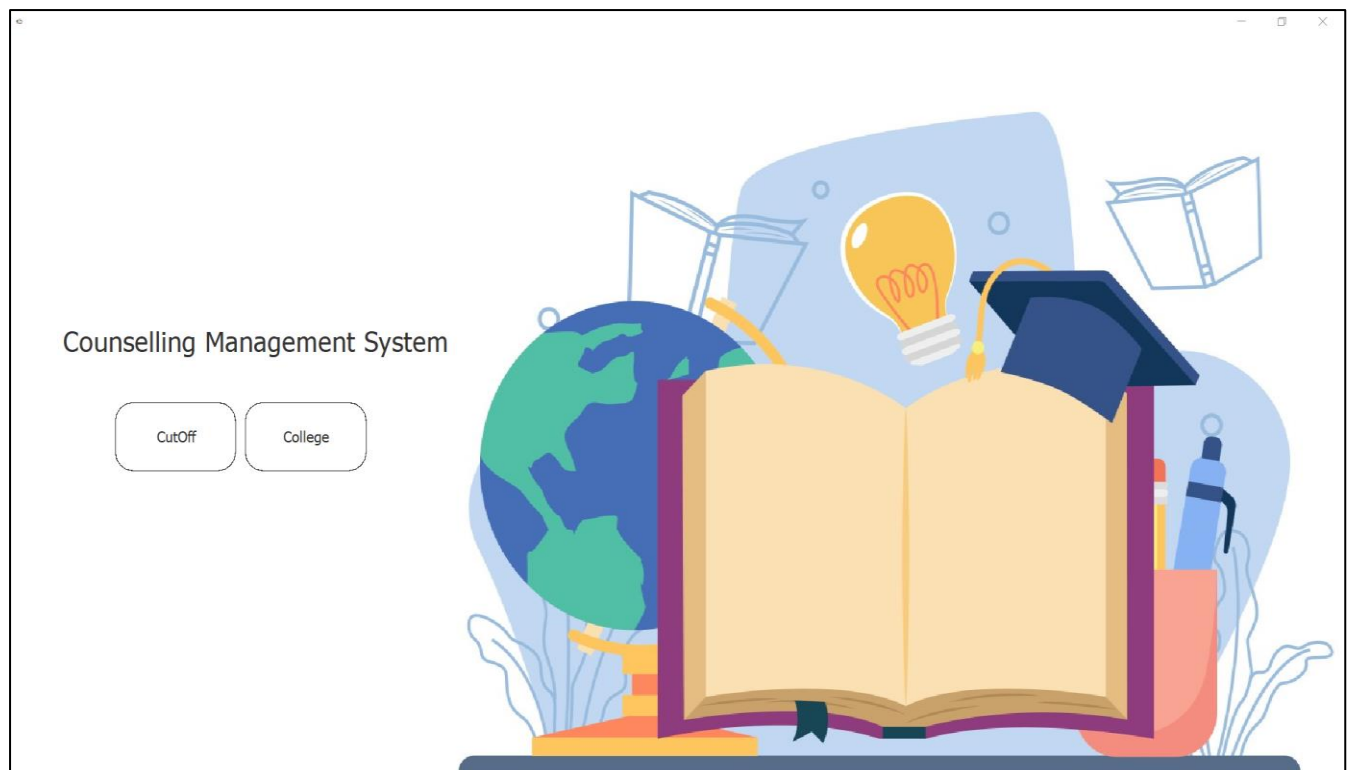
Working of my project:

- Languages used: JAVA, SQL.
- So our project must be imported in JAVA IDE and while implementing database file must be imported in mySQL workbench
- Now go to DBMS class and in line number 14 enter your own SQL workbench password



```
1 import java.sql.*;
4 public class DBMS {
5     Connection con;
6
7     public DBMS() {
8
9
10        try {
11
12
13            con=DriverManager.getConnection(
14                "jdbc:mysql://localhost:3306/counselling","root","YourRootPasswo");
15
16        }
17        catch (SQLException e) {
18            System.out.println("Error while connecting to the database");
19        }
20    }
```

- Now go to Main.java class and start executing of program
After execution output will look like



Now we get two options as seen above
After selecting 'Cutoff'

The screenshot shows a search filter form within the application. It contains the following fields and controls:

- Exam type:** A dropdown menu with "Jee Advance" selected.
- Category:** A dropdown menu with "All" selected.
- Merit Rank:** An empty text input field.
- Seat Pool:** A dropdown menu with "Gender-Neutral" selected.
- Branch:** A button labeled "Select branch".
- Buttons:** At the bottom, there are two buttons: "Show" and "Reset".

☐ Computer Engineering (4 Years, Bachelor of Technology)
☐ Computer Science (4 Years, Bachelor of Technology)
☐ Computer Science (5 Years, Integrated Master of Technology)
☐ Computer Science & Engineering (5 Years, B.Tech. + M.Tech./MS (Dual Degree))
☐ Computer Science and Artificial Intelligence (4 Years, Bachelor of Technology)
☐ Computer Science and Business (4 Years, Bachelor of Technology)
☒ Computer Science and Engineering (4 Years, Bachelor of Technology)
☐ Computer Science and Engineering (5 Years, Bachelor and Master of Technology (Dual Degree))
☐ Computer Science and Engineering (with Specialization of Data Science and Artificial Intelligence) (4 Years, B. Tech / B. Tech (Hons.))
☐ Computer Science and Engineering with Major in Artificial Intelligence (4 Years, Bachelor of Technology)
☐ Computer Science and Engineering with specialization in Cyber Security (4 Years, Bachelor of Technology)
☐ Computer Science Engineering (Artificial Intelligence) (4 Years, B. Tech / B. Tech (Hons.))
☐ Computer Science Engineering (Data Science) (4 Years, B. Tech / B. Tech (Hons.))
☐ Data Science and Artificial Intelligence (4 Years, Bachelor of Technology)
☐ Data Science and Engineering (4 Years, Bachelor of Technology)

Ok

All

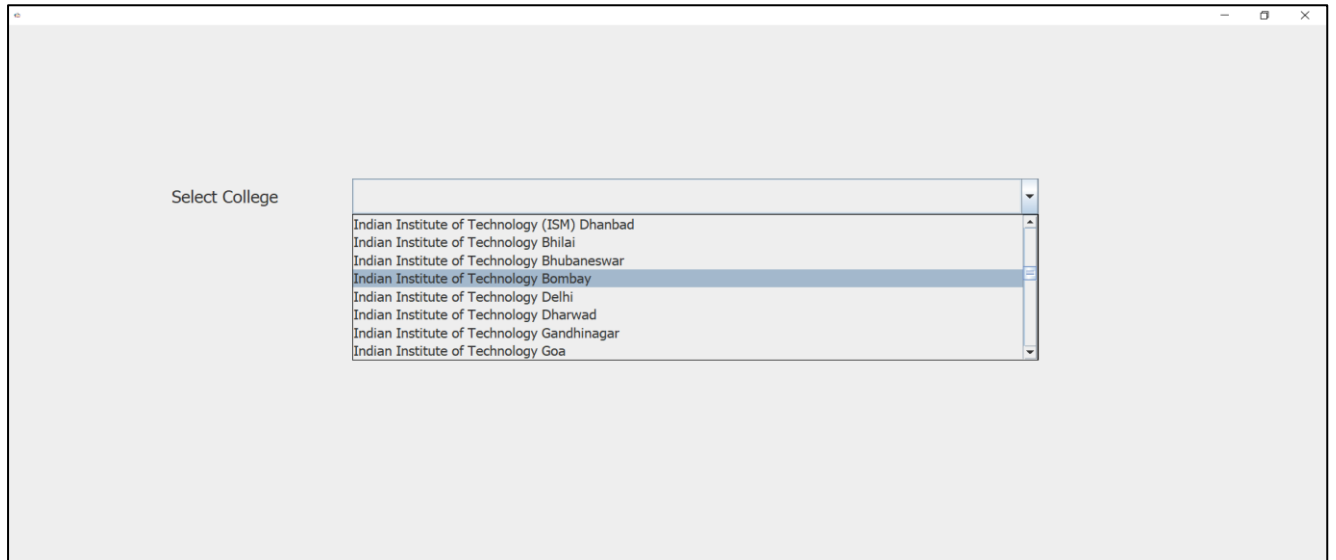
Clear

- Now fill details such as ‘exam type’ , ‘merit rank’ , ‘category’ , ‘seat pool’ and your preferred branch in the drop boxes that appear as shown above

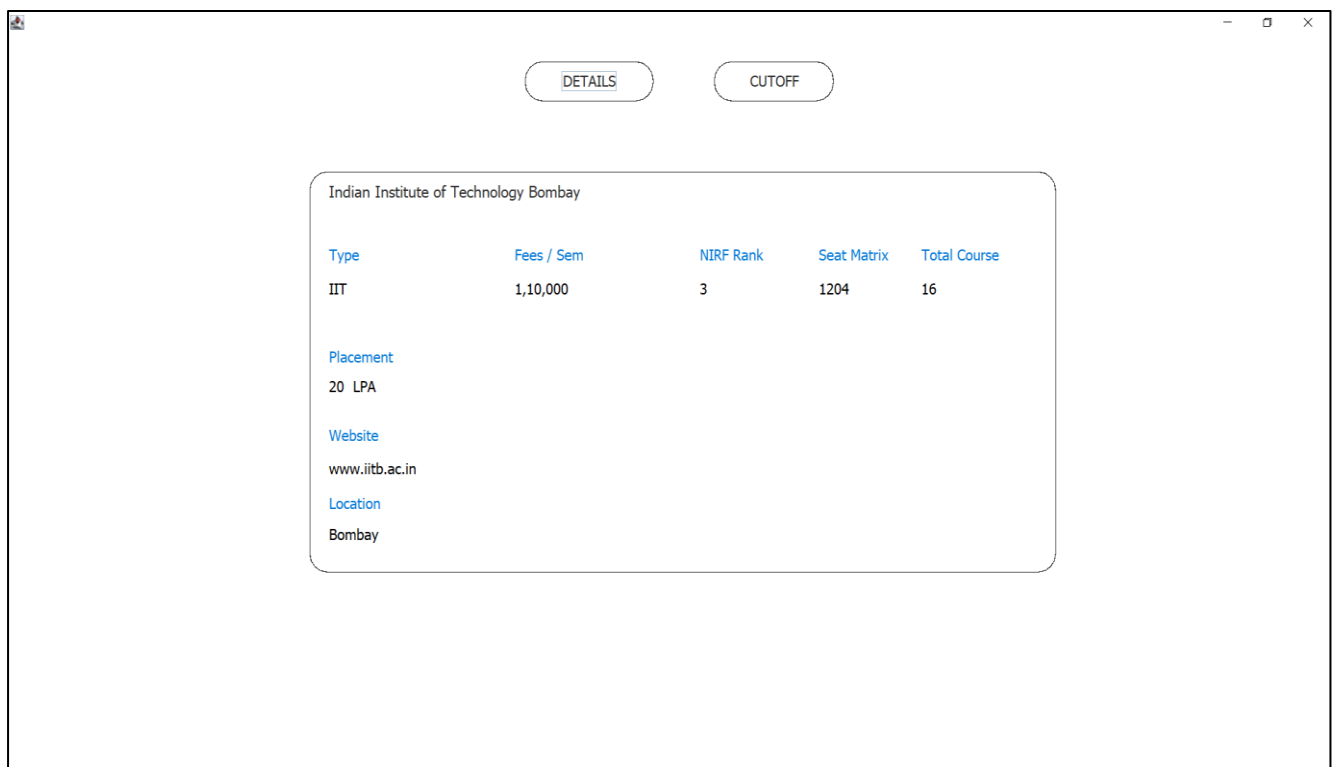
Table						
Search <input type="text"/>						
Sr.	College Name	Branch	Seat type	Gender	Opening Rank	Closing Rank
1	Indian Institute of Technology Bombay	Computer Science and Engineering (4 Years, Bachelor of Technology)	OPEN	Gender-Neutral	1	67
2	Indian Institute of Technology Delhi	Computer Science and Engineering (4 Years, Bachelor of Technology)	OPEN	Gender-Neutral	3	100
3	Indian Institute of Technology Madras	Computer Science and Engineering (4 Years, Bachelor of Technology)	OPEN	Gender-Neutral	85	163
4	Indian Institute of Technology Kanpur	Computer Science and Engineering (4 Years, Bachelor of Technology)	OPEN	Gender-Neutral	115	216
5	Indian Institute of Technology Kharagpur	Computer Science and Engineering (4 Years, Bachelor of Technology)	OPEN	Gender-Neutral	207	285
6	Indian Institute of Technology Roorkee	Computer Science and Engineering (4 Years, Bachelor of Technology)	OPEN	Gender-Neutral	32	414
7	Indian Institute of Technology Hyderabad	Computer Science and Engineering (4 Years, Bachelor of Technology)	OPEN	Gender-Neutral	191	521
8	Indian Institute of Technology Guwahati	Computer Science and Engineering (4 Years, Bachelor of Technology)	OPEN	Gender-Neutral	439	600
9	Indian Institute of Technology (BHU) Varanasi	Computer Science and Engineering (4 Years, Bachelor of Technology)	OPEN	Gender-Neutral	602	873
10	Indian Institute of Technology Indore	Computer Science and Engineering (4 Years, Bachelor of Technology)	OPEN	Gender-Neutral	505	1228
11	Indian Institute of Technology Gandhinagar	Computer Science and Engineering (4 Years, Bachelor of Technology)	OPEN	Gender-Neutral	1245	1519
12	Indian Institute of Technology Ropar	Computer Science and Engineering (4 Years, Bachelor of Technology)	OPEN	Gender-Neutral	1032	1876
13	Indian Institute of Technology Bhubaneswar	Computer Science and Engineering (4 Years, Bachelor of Technology)	OPEN	Gender-Neutral	1621	2304
14	Indian Institute of Technology Patna	Computer Science and Engineering (4 Years, Bachelor of Technology)	OPEN	Gender-Neutral	1849	2732
15	Indian Institute of Technology Jodhpur	Computer Science and Engineering (4 Years, Bachelor of Technology)	OPEN	Gender-Neutral	1525	2897
16	Indian Institute of Technology (ISM) Dhanbad	Computer Science and Engineering (4 Years, Bachelor of Technology)	OPEN	Gender-Neutral	907	2968
17	Indian Institute of Technology Mandi	Computer Science and Engineering (4 Years, Bachelor of Technology)	OPEN	Gender-Neutral	2136	3041
18	Indian Institute of Technology Tirupati	Computer Science and Engineering (4 Years, Bachelor of Technology)	OPEN	Gender-Neutral	1682	3441

After filling information, you will observe list of colleges as output in well structured manner as shown above

- After selecting 'College'



A drop box like above will appear



When you select on college name details of that college will appear as seen above

Indian Institute of Technology Bombay

Gender: Gender-Neutral, Gender-Neutral, Female-only, OPEN

Category: OPEN

Show

When you select the 'cutoff' you will see drop box of 'Gender' and 'Category' as seen above fill in the required details

Indian Institute of Technology Bombay

Gender: Gender-Neutral

Category: OBC-NCL

Show

Branch Name	Opening Rank	Closing Rank
Aerospace Engineering (4 Years, Bachelor of Technology)	389	1149
BS in Mathematics (4 Years, Bachelor of Science)	1379	1610
Chemical Engineering (4 Years, Bachelor of Technology)	818	1318
Chemistry (4 Years, Bachelor of Science)	2248	3475
Civil Engineering (4 Years, Bachelor of Technology)	759	1631
Computer Science and Engineering (4 Years, Bachelor of Technology)	5	50

After filling in details you will observe the above table