JAVA ASSIGNMENT 3

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BATCH: AIML A1

Write a menu-driven Java Program to study the concepts of classes, array of objects/arraylist, instance members, constructors in java.

Assignment description: Create a Student class describing attributes of a student like prn, name, DoB, marks etc. Create an array of objects of Student class and perform operations like: Add students, Display, Search (by prn, by name, by position), Update/Edit and Delete.

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public class Assignment_3
                public static void main(String[] args)
                    student_functions student_functions_object = new student_functions();
                         System.out.println("Select the operation to modify database: ");
                         System.out.println("1. Add student details");
                         System.out.println("5. Delete record");
                                  System.out.println("Exiting...");
                                  student_functions_object.add_student();

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    I Terminal
    I Terminal
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    I Build

Build completed successfully in 4 sec, 875 ms (today 01:20)
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          public String getDob()
                                 public void setDob(String dob)
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Section 2 Assignment_1.java × Section Assignment_2.java × Assignment_3.java × Public void setMarks(int marks)

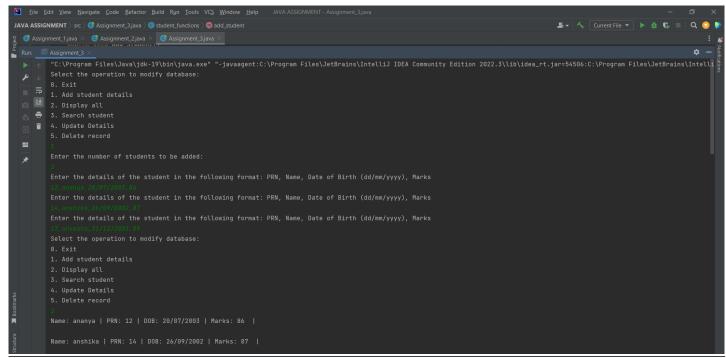
106 {
                          System.out.print("Name: " + student_list.get(i).getName()+" | ");
System.out.print("PRN: " + student_list.get(i).getPrn()+" | ");
System.out.print("DOB: "+ student_list.get(i).getDob()+" | ");
                     public void add_student()
```

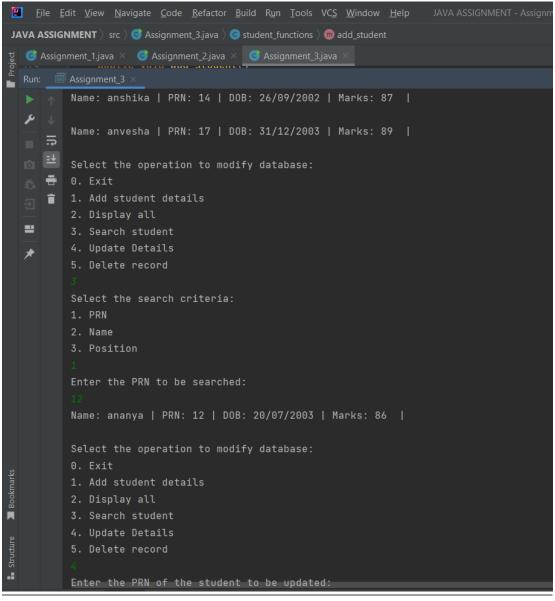
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lie 
                String details = sc.next():
                String name = details_array[1];
                String dob_string = details_array[2];
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```

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if (student_list.get(i).getName() == name)
                                       System.out.println("Invalid choice");
            🗜 Version Control 🕨 Run 🗏 TODO 🕕 Problems 🔼 Terminal 💽 Services 🔨 Build
🔼 <u>F</u>ile <u>E</u>dit <u>V</u>iew <u>N</u>avigate <u>C</u>ode <u>R</u>efactor <u>B</u>uild R<u>u</u>n <u>T</u>ools VC<u>S</u> <u>W</u>indow <u>H</u>elp JAVA ASSIGNMENT - Assignment_3.java
public void update()
                          String details = sc.next();
```

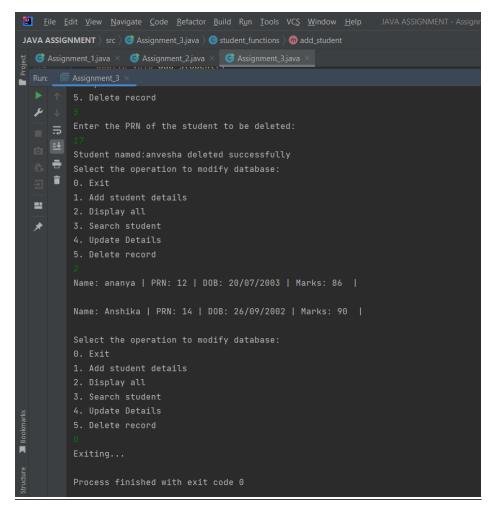
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OUTPUT:





```
| Select the operation to modify database:
| Add student details | 2. Display all | 3. Search student | 4. Update Details | 5. Delete record | 1. Add student details | 2. Display all | 3. Search student | 4. Update Details | 5. Delete record | 1. Add student details | 5. Delete record | 1. Add student details | 2. Display all | 3. Search student | 4. Update Details | 5. Delete record | 5. Delete record | 6. Exit | 6. Exit
```



GITHUB LINK:

https://github.com/ananya2285/Java-Assignment-/blob/1314deb9dced81f33e43f787e0d9ad6387e85ad0/Assignment_3.java