Assignment 3

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Write a menu-driven Java Program to study the concepts of classes, array objects/arraylist, of instance members, constructors in java. description: Create а Student class describing attributes DoB, marks etc. Create student of like prn, name, array of objects an Student class and perform operations like: Add students, Display, Search (by prn, by name, by position), Update/Edit and Delete.

CODE:

```
public int getPrn() {
public String getName() {
public String getDob() {
public int getMarks() {
```

```
public void setMarks(int marks) {
    System.out.print("Name: " + student list.get(i).getName()+" | ");
public void add student() {
        student new student = new student(prn, name, dob string, marks);
public void search(){
    System.out.println("2. Name");
```

```
for (int i = 0; i < student list.size(); i++) {</pre>
public void update(){
    Scanner sc = new Scanner(System.in);
            int marks new = Integer.parseInt(details array[3]);
```

OUTPUT:

```
**C:\Program Files\Java\Jdk-19\bin\java.exe* "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2022.3\lib\idea_rt.jar=59507:C:\Program Files\JetBrains\IntelliJ IDEA Community 2022.3\lib\idea_rt.jar=59507:C\lib\idea_rt.jar=59507:C\lib
```

```
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2. Display all
3. Search student
4. Update Details
5. Delete record

Enter the PRN of the student to be updated:

Enter the details of the student in the following format: PRN, Name, Date of Birth (dd/mm/yyyy), Marks

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Select the operation to modify database:

1. Add student details
2. Display all
3. Search student details
3. Display all
3. Search student
4. Update Details
5. Delete record

Exiting....
```