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03440684906**

Code

//CS508 Assignment No 2

//Saad Khalid

//BC180201901

import java.util.Scanner;

public class Main {

private String instituteName = "";

// Getter and Setter for Institute Name

public String getInstituteName() {

return instituteName;

}

**public void setInstituteName(String
instituteName) {**

this.instituteName = instituteName;

}

private String studentName= "";

```
// Getter and Setter for Student Name  
public String getStudentName() {  
    return studentName;  
}  
  
public void setStudentName(String studentName)  
{  
    this.studentName = studentName;  
}  
  
public static void main(String[] args) {  
  
    Main bc = new Main();  
  
    Main st = new Main();  
  
    System.out.println(":: BC180201901 ::");  
  
    //create a Scanner Object Institute Name  
    Scanner input = new Scanner(System.in);  
    System.out.println("Enter the Name of  
Institute");  
    String InstituteName = input.nextLine();
```

```
String[] InstituteNameS =
InstituteName.split(" ");

for (String s: InstituteNameS) {

    String i = String.valueOf(s.substring(0,
1));

bc.setInstituteName(bc.getInstituteName() + i);
}

System.out.println("Enter Degree Tittle (BA,
Bs, MS, MA) " );
String degreeTittle = input.nextLine();

System.out.println("Enter Year of Admission "
);

String yearOfAdmission = input.nextLine();

// create Scanner Object for Student Name
Scanner myinput = new Scanner(System.in);
System.out.println("Enter Student Name");
String StudentName = input.nextLine();
```

```
String[] StudentNameS = StudentName.split("
");

for (String s: StudentNameS) {

    String i = String.valueOf(s.substring(0,
1));

    st.setStudentName(st.getStudentName()
+ i);
}

int minNumber = 1;
int maxNumber = 99999;
int randomNumber = (int) (Math.random() *
(maxNumber - minNumber + 1) + minNumber);

String StudentId = bc.getInstituteName() +
degreeTittle.substring(0, 2) +
yearOfAdmission.substring(2, 4) +
st.getStudentName() + randomNumber;
    System.out.println("Student Id: " +
StudentId.toUpperCase());
}
}
```

