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IBM 19CS057

OOS - Lab Test -2

```
Package Student-Aca;
```

```
import Student-Aca.*;
```

```
import java.*;
```

```
import java.util.*;
```

```
class Student {
```

```
    Scanner in = new Scanner(System.in);
```

```
    double cgpa = 0.0;
```

```
    int usn;
```

```
    String name;
```

```
    int age;
```

```
    float prociid;
```

```
    public void getdata() public void getdata() {
```

```
        System.out.println("Enter the usn");
```

```
        usn = in.nextInt();
```

```
        System.out.println("Enter name");
```

```
        name = in.nextLine();
```

```
        System.out.println("Enter age");
```

```
        age = in.nextInt();
```

```
        System.out.println("Enter prociid");
```

```
        prociid = in.nextFloat();
```

```
        System.out.println("Enter cgpa");
```

```
        cgpa = in.nextDouble();
```

```
    }
```

```
    void display()
```

```
    {
```

```
        System.out.println("USN:" + usn + " Name:"
```

```
        + name + " Age:" + age + " prociid" + prociid +
```

```
        " cgpa" + cgpa);
```

```
    }
```

```
}
```

```
package student-Aca;  
import java.util.*;  
import java.lang.*;  
import import student-Aca.*;
```

```
class Proctor  
{ Scanner in = new Scanner(System.in);  
float procid;  
String name;  
public Proctor public void getproc()  
{ System.out.println("Enter procid");  
procid = in.nextFloat();  
System.out.println("Enter name");  
name = in.nextLine();  
}
```

```
void displayProc()  
{ System.out.println("procid:" + procid + "Name:" +  
name);  
}  
}
```

```
import student-Aca.*;
```

```
import java.util.*;  
import java.lang.*;
```

```
class main(){
```

```
public static void main (String args[])
```

```
{ Scanner in = new Scanner (System.in);
```

```
System.out.println("Enter the no. of students:");
```

```
int n = in.nextInt();
```

```
System.out.println("Enter no. of proctors:");
```

```
int m = in.nextInt();
```

Student_Aca. student s[i] = new Student_Aca. student(i);
Student_Aca. Proctor p[i] = new student_Aca. Proctor(i);

for (int i = 0; i < n; i++)

{ s[i] = new Student_Aca. student(i);
system.out.println("\nEnter the details of student " + (i+1));

s[i].getdata();

}

for (int i = 0; i < m; i++)

{ p[i] = new student_Aca. Proctor(i);

system.out.println("\nEnter the details of
proctor " + (i+1));

p[i].getproct();

}

for (int i = 0; i < n; i++)

{ system.out.println("\nDisplay details of
student " + (i+1));

s[i].display();

}

for (int i = 0; i < m; i++)

{ system.out.println("\nDisplay details of
proctor " + (i+1));

p[i].displayproct(),

}

}