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Sandbox Link-

<https://codehs.com/sandbox/id/reg-no-12204834-7KaDtF>

Q-A student wants to take admission in MCA. But student is confused he is not able to take decision. So, student collected some information related to scholarship from these universities: LPU, PTU and PU. After collecting information student wants to take decision based on that. Create three interfaces named: LPU, PTU and PU and apply some constraint to solve this question

Code

```
import java.util.*;

public class MyProgram
{
    public static void main(String[] args)
    {
        System.out.println("I am providing the details of some
University based on the Scholarships which is best for you: ---
");
        TakeAdmission T1= new TakeAdmission();
        T1.detail();
    }
}
```

```

Scanner sc=new Scanner(System.in);

System.out.println("\nNow,In which University you want to
take admission.");

System.out.print("\nEnter your choice : --");

String SelectUniversity= sc.nextLine();


System.out.println("\nYou are decided to take the
admission of : -- " + SelectUniversity + " University");

}
}
interface LPU
{
    default void detail()
    {
        System.out.println("\nWelcome to Lovely Professional
University[LPU]. ");

        System.out.println("In this University, Scholarship will be
provide by the rank of LPUNEST exam. And the scholarship is
categories by \n1. 50%\n2. 40%\n3. 30%");
    }
}

```

```
}
```

```
interface PTU
```

```
{
```

```
    default void detail()
```

```
    {
```

```
        System.out.println("\nWelcome to Punjab Technical  
University[PTU]. ");
```

```
        System.out.println("In this University, Scholarship will be  
provide by the rank of University Scholarship exam. And the  
Scholarship is categories by \n1. 40%\n2. 30%\n3. 20% ");
```

```
    }
```

```
}
```

```
interface AU
```

```
{
```

```
    default void detail()
```

```
    {
```

```
        System.out.println("\nWelcome to the University of  
Allahabad[AU]. ");
```

```
        System.out.println("In this University, Scholarship will be  
provide by the UGC Scholarship Scheme which is based on the  
rank of CUET exam. ");
```

```
    }
```

```
}
```

```
class TakeAdmission implements LPU,PTU,AU
```

```
{
```

```
    public void detail()
```

```
    {
```

```
        LPU.super.detail();
```

```
        PTU.super.detail();
```

```
        AU.super.detail();
```

```
    }}
```

OUTPUT SCREENSHOT

Sandbox | CodeHS x Reg NO-12204834 | CodeHS x Reg NO-12204834 | CodeHS x LPU Live x D2212_G2_CAP680_SandboxAss x

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Sandbox My Section Practice

Run Stop

```
I am providing the details of some University based on the Scholarships which is best for you: ---  
Welcome to Lovely Professional University[LPU].  
In this University, Scholarship will be provide by the rank of LPUNEST exam. And the scholarship is categories by  
1. 50%  
2. 40%  
3. 30%  
Welcome to Punjab Technical University[PTU].  
In this University, Scholarship will be provide by the rank of University Scholarship exam. And the Scholarship is categories by  
1. 40%  
2. 30%  
3. 20%  
Welcome to the University of Allahabad[AU].  
In this University, Scholarship will be provide by the UGC Scholarship Scheme which is based on the rank of CUET exam.  
Now, In which University you want to take admission.  
Enter your choice : --PTU  
You are decided to take the admission of : -- PTU University  
[ ]
```

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