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Branch - CBA , Batch - 31

OOP Practical - 7

Problem : Shankar wants to store bank account information for a bank. He may want to have one class that stores regular bank accounts and another class that stores bank accounts for customers who are under 18 years of age. The bank accounts for minors will have many similarities to regular bank accounts—both types of accounts will store names, balances and address. Print bank account information using Inheritance.

Code :

```
package yash_lakhtariya;

class ysl_major
{
    String name, adrs;
    double blnc;
}

class ysl_minor extends ysl_major
{
}

public class prac_7
{
    public static void main(String[] args) {
        ysl_major mjr = new ysl_major();
        ysl_minor mnr = new ysl_minor();

        mjr.name="Yash";
        mjr.blnc = 643216.12;
        mjr.adrs = "Vrindavana";

        mnr.name = "Yash2";
        mnr.blnc = 163264.12;
```

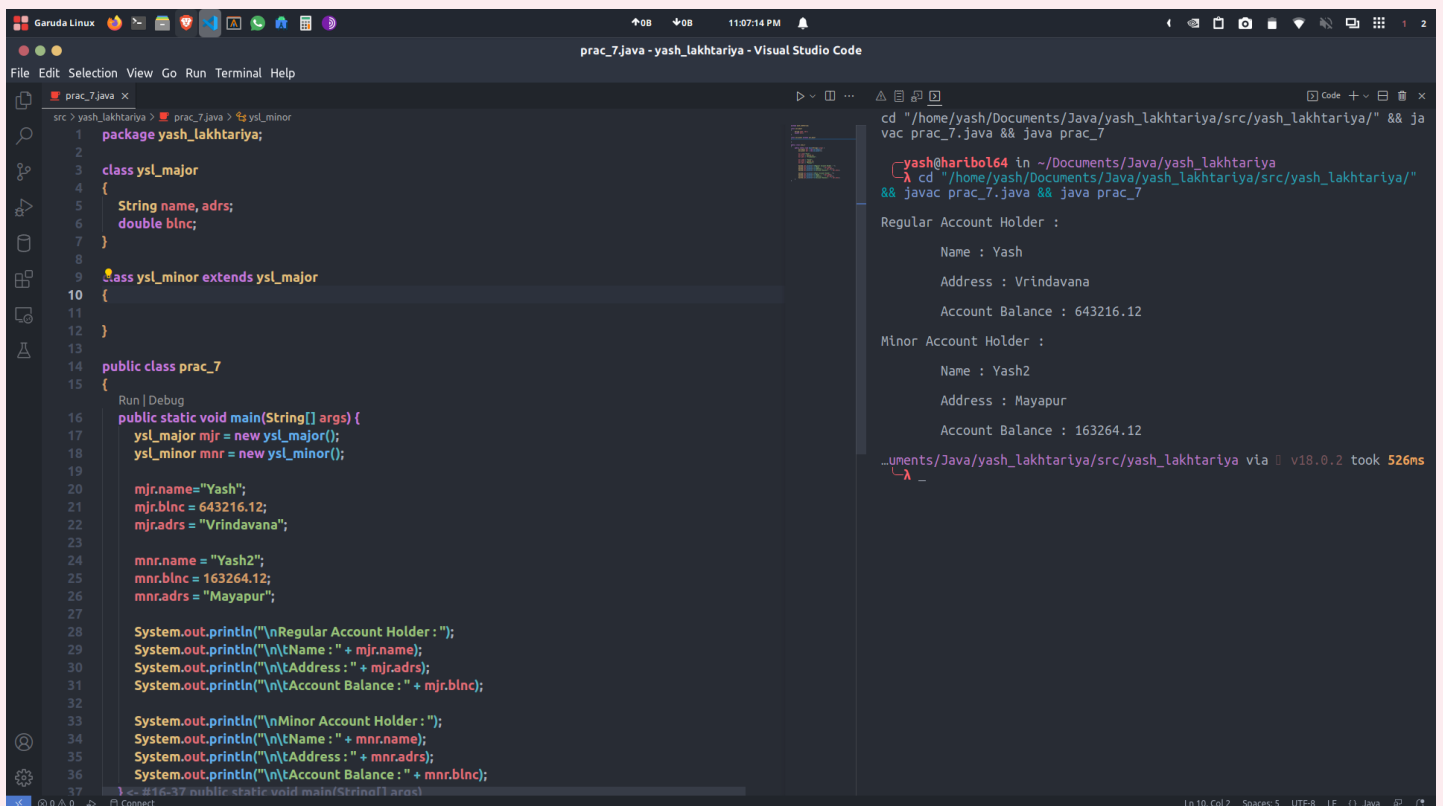
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```
mnr.adrs = "Mayapur";

System.out.println("\nRegular Account Holder : ");
System.out.println("\n\tName : " + mjr.name);
System.out.println("\n\tAddress : " + mjr.adrs);
System.out.println("\n\tAccount Balance : " + mjr.blnc);

System.out.println("\nMinor Account Holder : ");
System.out.println("\n\tName : " + mnr.name);
System.out.println("\n\tAddress : " + mnr.adrs);
System.out.println("\n\tAccount Balance : " + mnr.blnc);
}
}
```

Output :



The screenshot displays the Visual Studio Code interface with a Java file named `prac_7.java` open. The code defines two classes, `ysl_major` and `ysl_minor`, and a `main` method in `prac_7` that creates instances of these classes and prints their details. The output window on the right shows the execution results, displaying the account holder information for both regular and minor accounts.

```
package yash_lakhtariya;

class ysl_major
{
    String name, adrs;
    double blnc;
}

class ysl_minor extends ysl_major
{
}

public class prac_7
{
    public static void main(String[] args) {
        ysl_major mjr = new ysl_major();
        ysl_minor mnr = new ysl_minor();

        mjr.name="Yash";
        mjr.blnc = 643216.12;
        mjr.adrs = "Vrindavana";

        mnr.name = "Yash2";
        mnr.blnc = 163264.12;
        mnr.adrs = "Mayapur";

        System.out.println("\nRegular Account Holder : ");
        System.out.println("\n\tName : " + mjr.name);
        System.out.println("\n\tAddress : " + mjr.adrs);
        System.out.println("\n\tAccount Balance : " + mjr.blnc);

        System.out.println("\nMinor Account Holder : ");
        System.out.println("\n\tName : " + mnr.name);
        System.out.println("\n\tAddress : " + mnr.adrs);
        System.out.println("\n\tAccount Balance : " + mnr.blnc);
    }
}
```

cd "/home/yash/Documents/Java/yash_lakhtariya/src/yash_lakhtariya/" && java prac_7

Regular Account Holder :

Name : Yash

Address : Vrindavana

Account Balance : 643216.12

Minor Account Holder :

Name : Yash2

Address : Mayapur

Account Balance : 163264.12

Documents/Java/yash_lakhtariya/src/yash_lakhtariya via v18.0.2 took 526ms