

Institute of Computer Technology
B. Tech Computer Science and Engineering
Subject: OOP (2CSE303)

PRACTICAL-11

AIM: - Karan wants to opt for a student loan to pursue further +2 years of education abroad. Implement a java program which surveys various banks for their rate of interest, and display the returned ROI's through hierarchical inheritance. Consider the ROI of banks are as follows:

SBI 6.9%

HDFC 7.1%

BOI 6.5%

SOLUTION

```
class Bank
{
    public double getIntRate()
    {
        return 0;
    }
}
class SBI extends Bank
{
    public double getIntRate()
    {
        return 6.9;
    }
}
class HDFC extends Bank
{
    public double getIntRate()
    {
        return 7.1;
    }
}
class BOI extends Bank
{
    public double getIntRate()
    {
        return 6.5;
    }
}
```

```
public class prac11 extends Bank
{
    public static void main(String[] args)
    {
        SBI yash=new SBI();
        HDFC h1=new HDFC();
        BOI b1=new BOI();

        System.out.println("\nSBI\t"+yash.getIntRate()+"%");
        System.out.println("\nHDFC\t"+h1.getIntRate()+"%");
        System.out.println("\nBOI\t"+b1.getIntRate()+"%");
    }
}
```

OUTPUT