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**School of computer application**

Assignment : 5

of

Programming in Java - LAB (CAP 680)

**Session 2022-2024**

**Submitted to: Submitted by:**

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**Code**

import java.util.Scanner;

class RBI {

private double interestRate;

public RBI(double interestRate) {

this.interestRate = interestRate;

}

public double getInterestRate() {

return interestRate;

}

}

class SBI extends RBI {

public SBI(double interestRate) {

super(interestRate);

}

}

class ICICI extends RBI {

public ICICI(double interestRate) {

super(interestRate);

}

}

class PNB extends RBI {

public PNB(double interestRate) {

super(interestRate);

}

}

public class MyProgram {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

System.out.print("Enter the Bank name to find the rate of Interest: ");

String bankName = sc.nextLine();

RBI bank;

if (bankName.equalsIgnoreCase("SBI")) {

bank = new SBI(4);

} else if (bankName.equalsIgnoreCase("ICICI")) {

bank = new ICICI(4.5);

} else if (bankName.equalsIgnoreCase("PNB")) {

bank = new PNB(3.5);

} else {

bank = new RBI(5);

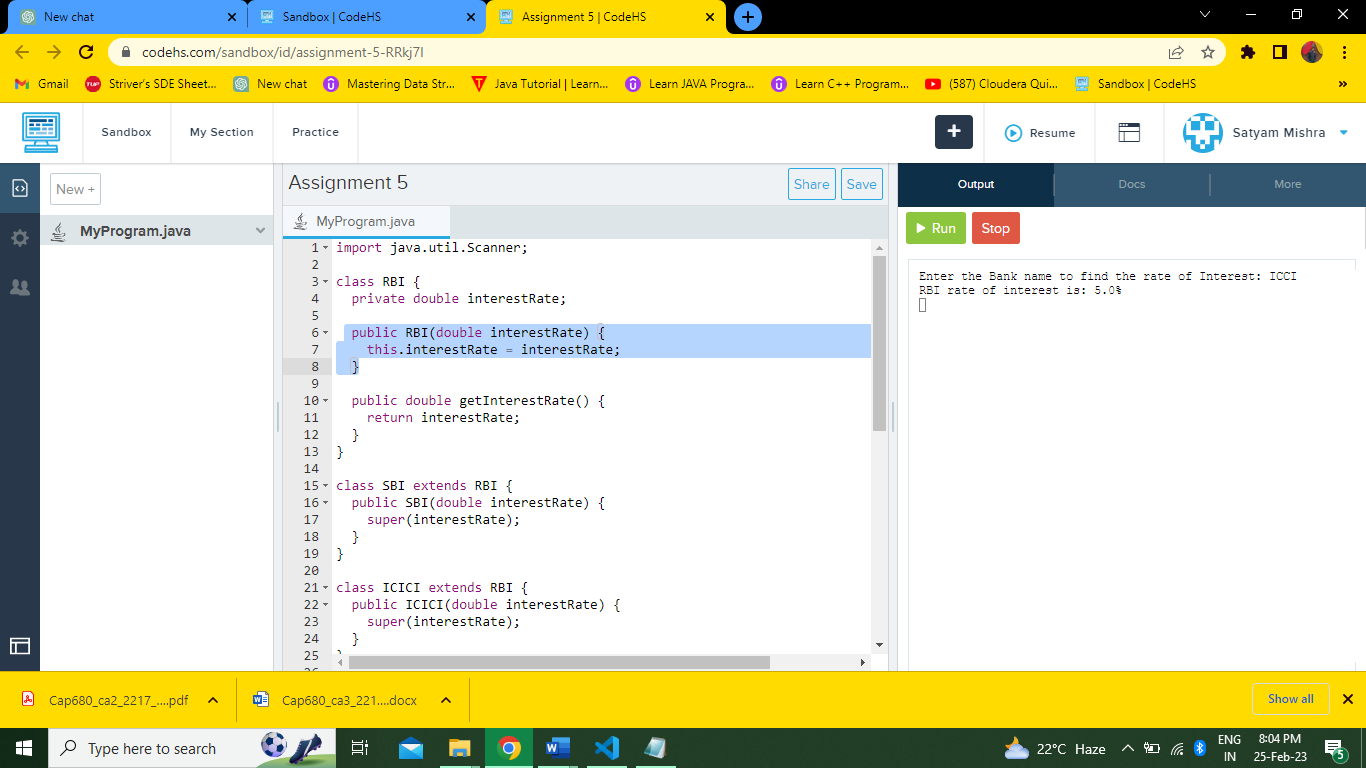
}

System.out.println("RBI rate of interest is: " + bank.getInterestRate() + "%");

}

}

**Output**

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