**Day 20**

// program to calculate RD using interface

package com.java;

public interface RD {

double calcRD(double amount, double duration);

}

package com.java;

public class HDFCBank implements RD {

public double calcRD(double amount, double duration)

{

double total = amount\*duration\*8/100;

return total;

}

}

package com.java;

public class RDTotal extends HDFCBank{

int interestRate = 5;

double grandTotal;

HDFCBank ob = new HDFCBank();

public double calcTotal()

{

grandTotal = ob.calcRD(10000, 10)\*interestRate;

System.out.println("Recurring Deposit = "+grandTotal);

return grandTotal;

}

}

package com.java;

public class RDMain {

public static void main(String args[])

{

RDTotal ob1 = new RDTotal();

ob1.calcTotal();

}

}

**OUTPUT**

