public interface TuitionFee{ public int calculateTuitionFees(String courseType,int basicFee,int noOfSemesters); }

import java.util.\*; public class UserInterface{ public static TuitionFee generateFeeReceipt() { TuitionFee T = (String courseType,int basicFee,int noOfSemesters) -> courseType.equalsIgnoreCase("regular") ? basicFee\*noOfSemesters : basicFee\*noOfSemesters+50000; return T; }public static void main(String[] arg) {Scanner sc =new Scanner(System.in); System.out.println("Enter registration number"); int registration\_no = sc.nextInt(); System.out.println("Enter student name"); String name= sc.next(); System.out.println("Enter no of semesters"); int no\_of\_semester=sc.nextInt(); System.out.println("Enter basic fee"); int basic\_fee= sc.nextInt(); System.out.println("Course type"); String course=sc.next(); TuitionFee t=generateFeeReceipt(); System.out.println("Fees Receipt"); System.out.println("Registration number: "+registration\_no); System.out.println("Student name: "+name); System.out.println("Tuition fee for "+course+" student: "+t.calculateTuitionFees(course,basic\_fee,no\_of\_semester)); } }