import java.util.Scanner;

public class StudentEnrollment {

// Constants

final static int MAX\_SUBJECTS = 10; // Maximum number of subjects

final static int FEE\_PER\_UNIT = 1000; // Fee per unit

public static void main(String[] args) {

// Create a Scanner object for user input

Scanner scanner = new Scanner(System.in);

// Input student details

System.out.println("Enter Student Name: ");

String studentName = scanner.nextLine();

System.out.println("Enter Course: ");

String course = scanner.nextLine();

System.out.println("Enter Course Code: ");

String courseCode = scanner.nextLine();

// Input number of units for each subject, with a limit of 10 subjects

int totalUnits = 0;

for (int i = 1; i <= MAX\_SUBJECTS; i++) {

System.out.println("Enter number of units for subject " + i + " (Enter 0 to stop): ");

int units = scanner.nextInt();

// If user inputs 0, stop asking for further subjects

if (units == 0) {

break;

}

totalUnits += units;

// Ensure that the total units don't exceed the maximum

if (totalUnits > MAX\_SUBJECTS) {

System.out.println("Total units exceeded the maximum allowed units.");

totalUnits -= units;

break;

}

}

// Compute total enrollment fee based on the number of units

int totalFee = totalUnits \* FEE\_PER\_UNIT;

// Output student's name and total fee

System.out.println("\nStudent Name: " + studentName);

System.out.println("Total Enrollment Fee: " + totalFee);

// Payment section

System.out.println("\nEnter Payment Amount: ");

int payment = scanner.nextInt();

// Check payment status

if (payment == totalFee) {

System.out.println("Fully Paid.");

} else if (payment < totalFee) {

System.out.println("Partial Payment. Amount Paid: " + payment);

System.out.println("Remaining Balance: " + (totalFee - payment));

} else {

System.out.println("Payment exceeds the required fee. Excess Amount: " + (payment - totalFee));

}

// Close the scanner to avoid resource leak

scanner.close();

}

}