```
--- Student Management System ---
1. Add Student
2. Enroll Student in Course
3. Pay Tuition Fees
4. Show Student Status
5. Exit
Choose an option: 1
Enter student name: vansh
Student added successfully! (ID: 1000)

--- Student Management System ---
1. Add Student
2. Enroll Student in Course
3. Pay Tuition Fees
4. Show Student Status
5. Exit
Choose an option: 2
Enter Student ID: 1000
Enter course name: ece
Enter course fee: 6000
vansh enrolled in ece. Fee added: 6000.0

--- Student Management System ---
1. Add Student
2. Enroll Student in Course
3. Pay Tuition Fees
4. Show Student Status
5. Exit
Choose an option: 3
Enter Student ID: 1000
Enter amount to pay: 5900
vansh paid 5900.0. Remaining balance: 100.0
```

```
--- Student Management System ---
1. Add Student
2. Enroll Student in Course
3. Pay Tuition Fees
4. Show Student Status
5. Exit
Choose an option: 4
Enter Student ID: 1000

Student ID: 1000
Name: vansh
Enrolled Courses: [ece]
Balance Due: 100.0

--- Student Management System ---
1. Add Student
2. Enroll Student in Course
3. Pay Tuition Fees
4. Show Student Status
5. Exit
Choose an option: 5
Exiting... Thank you!
```