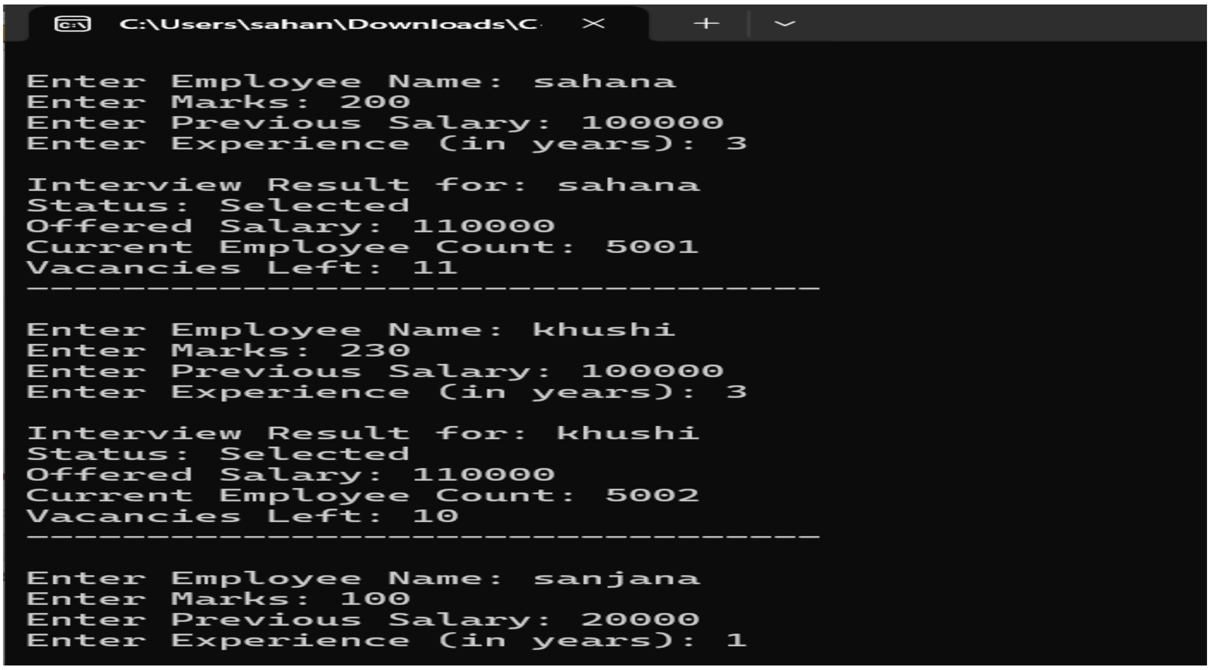
Employee Interview process task: modify by using do-while until employee count reaches 5012

```
#include <iostream>
using namespace std;

class Company {
public:
    string companyName = "Cranes";
    int employeeCount = 5000;
    int totalVacancies = 12;
};

class Employee : public Company {
public:
    string name;
    float score;
    float previousSalary;
    float experience;
    float newSalary = 0;

    // Constructor
    Employee(string empName, float empScore, float prevSal, float exp) {
        name = empName;
        score = empScore;
    previousSalary = prevSal;
    experience = exp;
}

// Method to evaluate and update status
void evaluateAndHire() {
    if (totalVacancies > 0 && score >= 75) {
        cout << "\nInterview Result for: " << name << endl;
        cout << "Status: Selected" << endl;

        employeeCount++;
        totalVacancies--;

        if (experience >= 3 || (previousSalary > 15000 && previousSalary <= 25000)) {
            newSalary = previousSalary + 10000;
        } else {
            newSalary = previousSalary + 5000;
        }

        cout << "Offered Salary: " << newSalary << endl;
    }
    else if (score < 75) {
        cout << "\nInterview Result for: " << name << endl;
        cout << "Status: Not Eligible (Score below 75)" << endl;
    }
    else {
        cout << "\nNo vacancies available currently." << endl;
    }
```

```
        cout << "Current Employee Count: " << employeeCount << endl;
        cout << "Vacancies Left: " << totalVacancies << endl;
        cout << "--------------------------------\n";
    }
};

int main() {
    Company c;

    do {
        string empName;
        float score, prevSalary, experience;

        cout << "\nEnter Employee Name: ";
        cin >> empName;

        cout << "Enter Marks: ";
        cin >> score;

        cout << "Enter Previous Salary: ";
        cin >> prevSalary;

        cout << "Enter Experience (in years): ";
        cin >> experience;

        Employee e(empName, score, prevSalary, experience);
        // Pass current company status to employee
        e.employeeCount = c.employeeCount;
        e.totalVacancies = c.totalVacancies;

        e.evaluateAndHire();

        // Update company status
        c.employeeCount = e.employeeCount;
        c.totalVacancies = e.totalVacancies;

    } while (c.employeeCount < 5012);

    cout << "\nHiring Completed. Final Employee Count: " << c.employeeCount << endl;

    return 0;
}
```



```
Enter Employee Name: sahana
Enter Marks: 200
Enter Previous Salary: 100000
Enter Experience (in years): 3

Interview Result for: sahana
Status: Selected
Offered Salary: 110000
Current Employee Count: 5001
Vacancies Left: 11
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Enter Employee Name: khushi
Enter Marks: 230
Enter Previous Salary: 100000
Enter Experience (in years): 3

Interview Result for: khushi
Status: Selected
Offered Salary: 110000
Current Employee Count: 5002
Vacancies Left: 10
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Enter Employee Name: sanjana
Enter Marks: 100
Enter Previous Salary: 20000
Enter Experience (in years): 1
```