#include <iostream>

using namespace std;

int main()

{

int answer,length, width, area;

cout << "How many rooms do you want to find the area of?" << endl;

cin >> answer;

for (int roomNumber = 1; roomNumber <= answer; roomNumber++) {

cout << "\nEnter the information for room: " << roomNumber << endl;

cout << "Enter the Length: " << endl;

cin >> length;

cout << "\nEnter the Width: " << endl;

cin >> width;

area = length \* width;

cout << "\nRoom " << roomNumber << ": The area is: " << area << endl;

}

return 0;

}