



1. Write a program (using switch case) that ask the user to enter the item number and prints the price of this item according to the following :

No 1 price 100,

NO 2 price 200,

No 3 price 300,

No 4 price 400

Answer:

```
#include <iostream>
using namespace std;
int main() {
    int itemNumber;
    cout << "Enter the item number (1-4): ";
    cin >> itemNumber;
    // Use switch-case to determine the price
    switch (itemNumber) {
        case 1:
            cout << "The price of item 1 is 100." << endl;
            break;
        case 2:
            cout << "The price of item 2 is 200." << endl;
            break;
        case 3:
            cout << "The price of item 3 is 300." << endl;
            break;
        case 4:
            cout << "The price of item 4 is 400." << endl;
            break;
        default:
            cout << "Invalid item number. Please enter a number between 1 and 4." <<
endl;
    }
    return 0;
}
```

2. Write a C++ program that takes an integer input representing a day of the week (1 for Monday, 2 for Tuesday, etc.) and prints the corresponding day's name using a switch statement. If the input is outside the range of 1 to 7, print "Invalid input."

**Answer:**

```
#include <iostream>

using namespace std;

int main() {

    int day;

    cout << "Enter a number (1-7) representing a day of the week: ";

    cin >> day;

    switch (day) {

        case 1:

            cout << "Monday" << endl; break;

        case 2:

            cout << "Tuesday" << endl; break;

        case 3:

            cout << "Wednesday" << endl; break;

        case 4:

            cout << "Thursday" << endl; break;

        case 5:

            cout << "Friday" << endl; break;

        case 6:

            cout << "Saturday" << endl; break;

        case 7:

            cout << "Sunday" << endl; break;

        default:

            cout << "Invalid input. Please enter a number between 1 and 7." << endl;

    }

    return 0;}
```