question1.cpp

```cpp
//Write a program to count the minimum number of notes in a given amount using the switch statement.
// Input 1: 510
// Output1 : notes of "500" = 1 and notes of "10" = 1
#include<iostream>
using namespace std;
int main(){
    int amount;
    cout << "Enter the  desired amount: ";
    cin >> amount;

    int notes2000=0, notes500 = 0,notes200 = 0, notes100 = 0, notes50 = 0, notes10 = 0;

    switch(amount / 2000) {
        case 1:
            notes2000 = 1;
            amount -= 2000;
            break;
        default:
            break;
    }
    switch(amount / 500) {
        case 1:
            notes500 = 1;
            amount -= 500;
            break;
        default:
            break;
    }

    switch(amount / 200) {
        case 1:
            notes200 = 1;
            amount -= 200;
            break;
        default:
            break;
    }
    switch(amount / 100) {
        case 1:
            notes100 = 1;
            amount -= 100;
            break;
        default:
            break;
    }

    switch(amount / 50) {
        case 1:
            notes50 = 1;
            amount -= 50;
            break;
        default:
            break;
    }

    switch(amount / 10) {
        case 1:
            notes10 = 1;
            amount -= 10;
            break;
        default:
            break;
    }

    cout<< "Notes of 2000 = " << notes2000<<endl ;
    cout << "Notes of 500 = " << notes500<<endl;
    cout << "Notes of 200 = " << notes200 <<endl;
    cout<< " and Notes of 100 = " << notes100<<endl;
    cout << " and Notes of 50 = " << notes50 <<endl;
    cout<< " and Notes of 10 = " << notes10 << endl;

    return 0;
}
```

```
PS C:\Users\SANDEEP\Desktop\coding\c++\class assignment\conditionmls 2> cd "c:\Users\SANDEEP\Desktop\coding\c++\class assignment\conditionmls 2\" ; if ($?) { g++ question1.cpp -o question1 } ; if ($?) { .\question1 }
Enter the  desired amount: 510
Notes of 2000 = 0
Notes of 500 = 1
Notes of 200 = 0
 and Notes of 100 = 0
 and Notes of 50 = 0
 and Notes of 10 = 1
PS C:\Users\SANDEEP\Desktop\coding\c++\class assignment\conditionmls 2>
```

question2.cpp

```cpp
// Predict the output:
// #include<iostream>
// using namespace std;
// int main( ) {
// int a = 5, b, c ;
// b = a = 15 ;
// c = a < 15 ;
// cout << "a = " << a << ", b = " << b << " , c = "<< c ;
// return 0;
// }

// a=15, b=15,c=0
```

qyestion3.cpp

```cpp
//Predict the output:
// #include<iostream>
// using namespace std;
// int main() {
// int x = 3 ;
// float y = 3.0 ;
// if (x == y)
// cout <<"x and y are equal" ;
// else
// cout << "x and y are not equal" ;
// return 0;
// }

// answer = x and y are equal
```

question4.cpp

```cpp
//predict the output:
// #include<iostream>
// using namespace std;
// int main(){
// int test = 0;
// cout << "First character " << '1' << endl;
// cout << "Second character " << (test ? 3 : '1') << endl;
// return 0;
// }

// answer = First character 1
//          Second character 49
```

question5.cpp

```cpp
//predict the output:
// #include <iostream>
// using namespace std;
// int main(){
// int a = 18; int b = 12;
// bool t = (a > 20 && b < 15)? true : false;
// cout <<"Value of t: " << t ;
// return 0;
// }

// answer = Value of t: 0
```

question6.cpp

```cpp
//predict the output:
// #include <iostream>
// using namespace std;
// int main() {
// int number = -4;
// char result;
// result = number > 0 ? 'P' : 'N';
// cout << result << endl;
// return 0;
// }

// answer = n
```