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Question 3.

Answer.

```cpp
#include <bits/stdc++.h>
using namespace std;

vector <vector<int>> friends;  // adjacency list us representation of
                               // graph

void findImmidiate friend (int user)
{
    cout << " Immediate friend of user " << user;
    for (int i=0; i< friends [user].size(); i++).
        cout << friends [user][i] << " ";
        cout << endl;
}

int main ()
{    int numofuser = 4;
     friends [1].push_back(2);
     friends [1].push_back(3);
     friends [2].push_back(3);
     friends [2].push_back(4);
     friends [3].push_back(2);
     friends [3].push_back(1);
     friends [4].push_back(2);

     for (int i= 1; i<= numofuser; i++)
             findI immidiatefried (i);

}
```