**Q1**

#include<iostream>

using namespace std;

int larger(int a,int b);

int main(){

int a,b;

cout<<"Enter 1st value: ";

cin>>a;

cout<<"Enter 2nd value: ";

cin>>b;

larger(a,b);

return 0;

}

int larger(int a,int b)

{

if(a>b)

cout<<"1st value is greater '"<<a<<"'";

else

cout<<"2nd value is greater '"<<b<<"'";

}

**Q2**

**#include <iostream>**

**using namespace std;**

**void log\_in(string a,string b);**

**int main ()**

**{**

**string userName;**

**string userPassword;**

**cout << "Please enter your user name: ";**

**cin >> userName;**

**cout << "Please enter your user password: ";**

**cin >> userPassword;**

**log\_in(userName,userPassword);**

**}**

**void log\_in(string userName,string userPassword)**

**{**

**if (userName == "umar" && userPassword == "4035")**

**{**

**cout << "Welcome to c++ Program\n";**

**}**

**else**

**{**

**cout << "Invalid login attempt. Please try again.\n";**

**}**

**}**

**Q3**

**#include<iostream>**

**using namespace std;**

**void swap(int \*a, int \*b)**

**{**

**int temp = \*a;**

**\*a = \*b;**

**\*b= temp;**

**return;**

**}**

**int main()**

**{**

**int p,q;**

**cout<<"Enter value of a: ";**

**cin>>p;**

**cout<<"Enter value of b: ";**

**cin>>q;**

**cout<<"Value befor swapping\n a: "<<p<<"\tb: "<<q<<endl;**

**swap(&p, &q);**

**cout<<"Value after swapping\n a: "<<p<<"\tb: "<<q;**

**return 0;**

**}**

**Q4**

**#include <iostream>**

**#include <string>**

**using namespace std;**

**int main()**

**{**

**string str = "geeksforgeeks a computer science";**

**char c = 'g';**

**// Find first occurrence of 'g'**

**size\_t found = str.find(c);**

**if (found != string::npos)**

**cout << "First occurrence is " << found << endl;**

**// Find next occurrence of 'g'**

**found = str.find(c, found+1);**

**if (found != string::npos)**

**cout << "Next occurrence is " << found << endl;**

**return 0;**

**}**