C++ - LAB-1

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Q-1: To Display Hello World

Ans: Source Code:

#include <iostream>

using namespace std;

int main()

{

cout << "Hello world!" << endl;

return 0;

}

Input/Output:

Hello world!

Q-2: To use comments {Ignored by the compiler}

Ans: Source Code:

#include <iostream>

using namespace std;

// this is single line comment

/\*

This is a multi line comment-1

This is a multi line comment-2

\*/

int main()

{

cout << "Hello world!" << endl;

return 0;

}

Input/Output:

Hello world!

Q-3: To use “namespace std”

Ans: Source Code:

#include <iostream>

using namespace std; //use of namespace here

int main()

{

cout << "Hello world!" << endl;

return 0;

}

Input/Output:

Hello world!

Q-4: To add two numbers

Ans: Source Code

#include <iostream>

using namespace std; //use of namespace here

int main()

{

int a=2;

int b=3, sum;

sum=a+b;

cout << “sum: ”<<sum<<

return 0;}

Input/Output:

sum: 5

Q-5: Write a C++ program to find the min and max of three numbers

Ans: Source Code:

#include <iostream>

using namespace std;

int main()

{

    int a=2;

    int b=3;

    int c=4;

    // for greatest

    if(a>b)

    {

        if(a>c)

        cout << "a is the greatest\n";

        else

        cout << "c is the greatest\n";

    }

    else

    {

        if(b>c)

        cout << "b is the greatest\n";

        else

        cout << "c is the greatest\n";

    }

    // for smallest

    if(a<b)

    {

        if(a<c)

        cout << "a is the smallest\n";

        else

        cout << "c is the smallest\n";

    }

    else

    {

        if(b<c)

        cout << "b is the smallest\n";

        else

        cout << "c is the smallest\n";

    }

}

Input/Output:

c is the greatest

a is the smallest