

# TUTORIAL WRITING PRESENTATION

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# TUTORIAL ON:



## HackerRank

**How to use Hacker Rank, To improve  
your Programming skills.**

# Problem Statement:



Alot of people have desire to learn programming but some will do. How to practise question of different languages and how to find problem of questions . . .

# Step 1:

→ C google.com/search?q=hackerrank&rlz=1C1BNSD\_enPK1014PK1014&oq=ha&aqs=chrome.3.69i57j35i39l2j0i67l2j

**Google**

hackerrank

All News Images Videos More

About 7,660,000 results (0.45 seconds)

This search may be relevant to recent activity:  
[hackerrank online compiler](#)

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<https://www.hackerrank.com> ::

**HackerRank**

HackerRank is the market-leading technical assessment and remote interview solution for hiring developers. Learn how to hire technical talent from anywhere!

Search hackerrank.com

**Python**  
List Comprehensions - Write a function - Lists - Nested Lists - ...

**C++**  
Basic Data Types - Input and Output - Conditional Statements

**Login**  
We are the market-leading technical interview platform to ...

**SQL**  
Join over 16 million developers in solving code challenges on ...

Search for a website HackerRank on Google.

# Step 2:

HackerRank

Login

Sign up



Sign up and  
create an  
account.

## Skills speak louder than words

We help companies develop the strongest tech teams around. We help candidates sharpen their tech skills and pursue job opportunities.

Get started

Over 40% of developers worldwide and 3,000 companies use HackerRank



ATLASSIAN

Bloomberg

VMware

stripe

Goldman  
Sachs

Adobe

LinkedIn

# Step 3 & 4:

The image shows the HackerRank homepage on the left and a preparation dashboard on the right.

**Homepage (Left):**

- HackerRank** logo
- Navigation menu: Products, Solutions, Resources
- Hire with HackerRank** section: "We are the market-leading technical interview platform to identify and hire developers with the right skills."
- Request a demo** button
- Start free trial** button

**Preparation Dashboard (Right):**

- Prepare** section: "Your Preparation" - C++ progress bar (41% solved), yellow badge for C++ CPP \*\*\*\*\*, Continue Preparation button.
- Problem Solving** section: 0% completion, Continue Preparation button.
- Certification** section: Problem Solving (Basic) and Python (Basic) certification cards with Get Certified buttons.
- Stand out from the crowd** section: "Take the HackerRank Skills Certification Test and make your profile stand out", View All Skills button.



Congragulations you are login

# Step 5 & 6:

A screenshot of a challenge selection interface. On the left, there are five challenges, each with a star icon and a "Solve Challenge" button. To the right is a sidebar with the following sections:

- STATUS**: Solved (unchecked), Unsolved (checked)
- SKILLS**: C++ (Intermediate)
- DIFFICULTY**: Easy, Medium, Hard (Easy is highlighted with a black arrow pointing from the bottom)
- SUBDOMAINS**: Introduction, Strings, Classes, STL

## Variable Sized Arrays

Easy, C++ (Basic), Max Score: 30, Success Rate: 92.60%

Find the element described in the query for integer sequences.

**Solve Challenge**

## Attribute Parser

Medium, C++ (Basic), Max Score: 35, Success Rate: 83.95%

**Solve Challenge**

## StringStream

Easy, C++ (Basic), Max Score: 10, Success Rate: 94.83%

**Solve Challenge**

**Start doing your practise.**

3 modes are there.

# Step 7:

**IF YOU CAN  
EASILY ATTEMPT  
IN 45 MINS**

**EASY LEVEL  
QUESTIONS**

**THEN MOVE  
ON TO**



**MEDIUM LEVEL  
QUESTIONS**

# Step 8 & 9:

## Input and Output

Easy, C++ (Basic), Max Score: 5, Success Rate: 94.41%

## Basic Data Types

Easy, C++ (Basic), Max Score: 10, Success Rate: 80.78%

## Conditional Statements

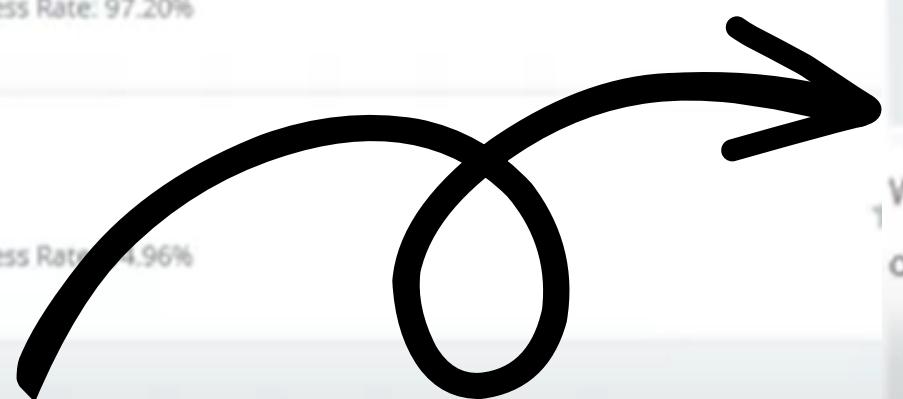
Easy, C++ (Basic), Max Score: 10, Success Rate: 97.20%

## For Loop

Easy, C++ (Basic), Max Score: 10, Success Rate: 4.96%

## Functions

Easy, C++ (Basic), Max Score: 10, Success Rate: 97.57%



For example, a function to return the sum of four parameters can be written as

```
int sum_of_four(int a, int b, int c, int d) {  
    int sum = 0;  
    sum += a;  
    sum += b;  
    sum += c;  
    sum += d;  
    return sum;  
}
```

Write a function `int max_of_four(int a, int b, int c, int d)` which returns the maximum of the four arguments it receives.

`+=` : Add and assignment operator. It adds the right operand to the left operand and assigns the result to the left operand.  
`a += b` is equivalent to `a = a + b;`

```
/*  
 * Add `int max_of_four(int a,  
 *  
 * int max_of_four(int a,int b  
 * {  
 *     int max=0;  
 *     if(a>b&&a>c&&a>d)  
 *     {  
 *         max=a;  
 *         return max;  
 *     }  
 *     else if(b>a&&b>c&&b>d)  
 *     {  
 *         max=b;  
 *         return max;  
 *     }  
 *     else if(c>a&&c>b&&c>d)  
 *     {  
 *         max=c;  
 *         return max;  
 *     }  
 * }
```

Click Function and then start practice your questions

# Step 10:

the left operand and assigns the result to the left operand.  
`a += b` is equivalent to `a = a + b;`

Discussions

## Input Format

Input will contain four integers -  $a, b, c, d$ , one per line.

## Output Format

Return the greatest of the four integers.

PS: I/O will be automatically handled.

Editorial

## Sample Input

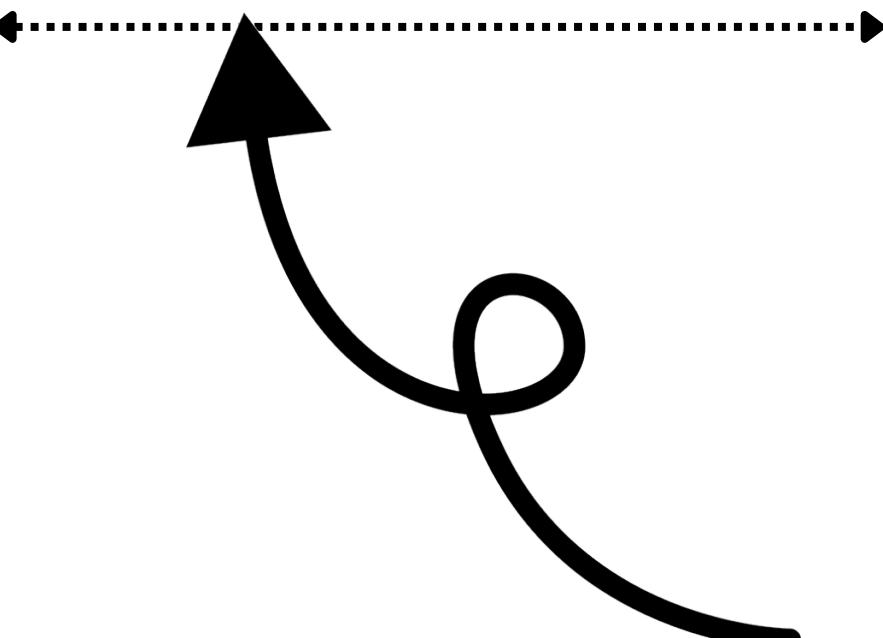
**CLICK ON THIS TAB IN CASE  
YOU ARE NOT ABLE TO SOLVE  
THE QUESTION!**

# Step 11:

A simpler way can be this:-

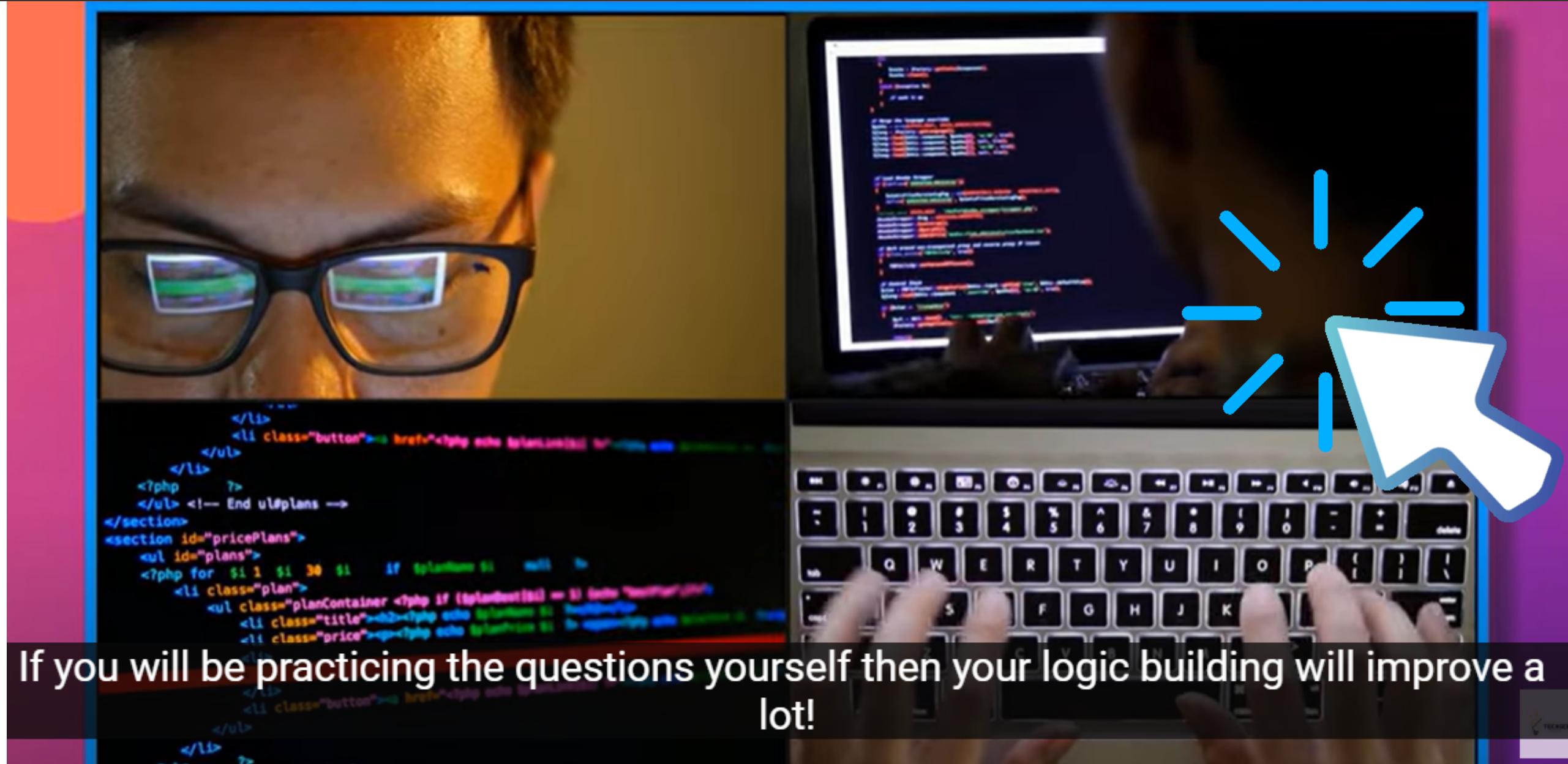
```
include
include
using namespace std;
/* Add int max_of_four(int a, int b, int c, int d) here.*/
int max_of_four(int a, int b, int c, int d){
    int maximum = max(a,max(b,max(c,d)));
    return maximum;
}
int main() { int a, b, c, d; scanf("%d %d %d %d", &a, &b, &c, &d); int ans
d; printf("%d", ans);
return 0;
}
```

```
int max = a;
if(max >b){``
    max = a;
}
else {max = b;}
if (max >c){
max = max;`}
else {max = c;}
if(max > d){
    max = max;
}
else {max = d;}
return max;
```



**YOU CAN EASILY CHECKOUT FROM HERE THAT HOW OTHERS HAVE SOLVED THE QUESTION**

# Tip:



If you will be practicing the questions yourself then your logic building will improve a lot!

**PRACTISE  
MAKE A  
MAN  
PERFECT**



HackerRank



## Tutorial Link:



<https://we.tl/t-eG2HgKPMEJ>



<https://youtu.be/nKW1YauCpbQ>

CLICK HERE

# **QUERY:**

## **Question session**

If you have any questions,  
you are welcome to ask now

# **Thank You**

