

RED & WHITE[®]

Multimedia Education

Shaping "skills" for "scaling" higher...!!!

WELCOME, PROGRAMMERS



01.

What is Nested if else Statement?

WHAT IS

NESTED IF ELSE STATEMENT?



SELECTION STRUCTURE (CONDITIONAL STATEMENTS)

Allows the program to **make decisions** and **execute different blocks of code** based on specified conditions.

- if statement
- if else statement
- ladder statement
- nested statements**
- ternary statement
- switch case



Let's see **Nested if else Statements** in detail...

NESTED IF ELSE STATEMENT

```
if (condition)
{
    if(condition) { } else { }
}
else
{
    if(condition) { } else { }
}
```

Note: Keep in mind that the structure of nested if else statements may vary depending on the given problem definition.



02.

What is Flowchart?

WHAT IS FLOWCHART?



FLOWCHART

A flowchart is a graphical representation of a process or algorithm.

It uses different shapes to represent different types of steps, decisions, and actions involved in a process.

Flowcharts are widely used in various fields, including computer programming, business processes, engineering, and education, to visually depict and document the flow of a process.



PURPOSE OF FLOWCHART

Visualization

Communication

Documentation

Analysis and
Optimization



KEY ELEMENTS OF FLOWCHART

Shapes

Oval,
Rectangle,
Diamond,
Parallelogram

Arrows & Lines

Arrows connecting
different shapes show
the sequence and
direction of steps in
the process.




Connectors

Small, labeled circles
or rectangles can be
used to connect lines,
indicating that the flow
continues on another
part of the page.

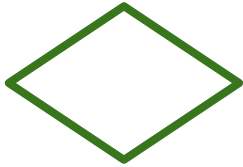




Let's see Commonly Used **Shapes** in Flowchart...

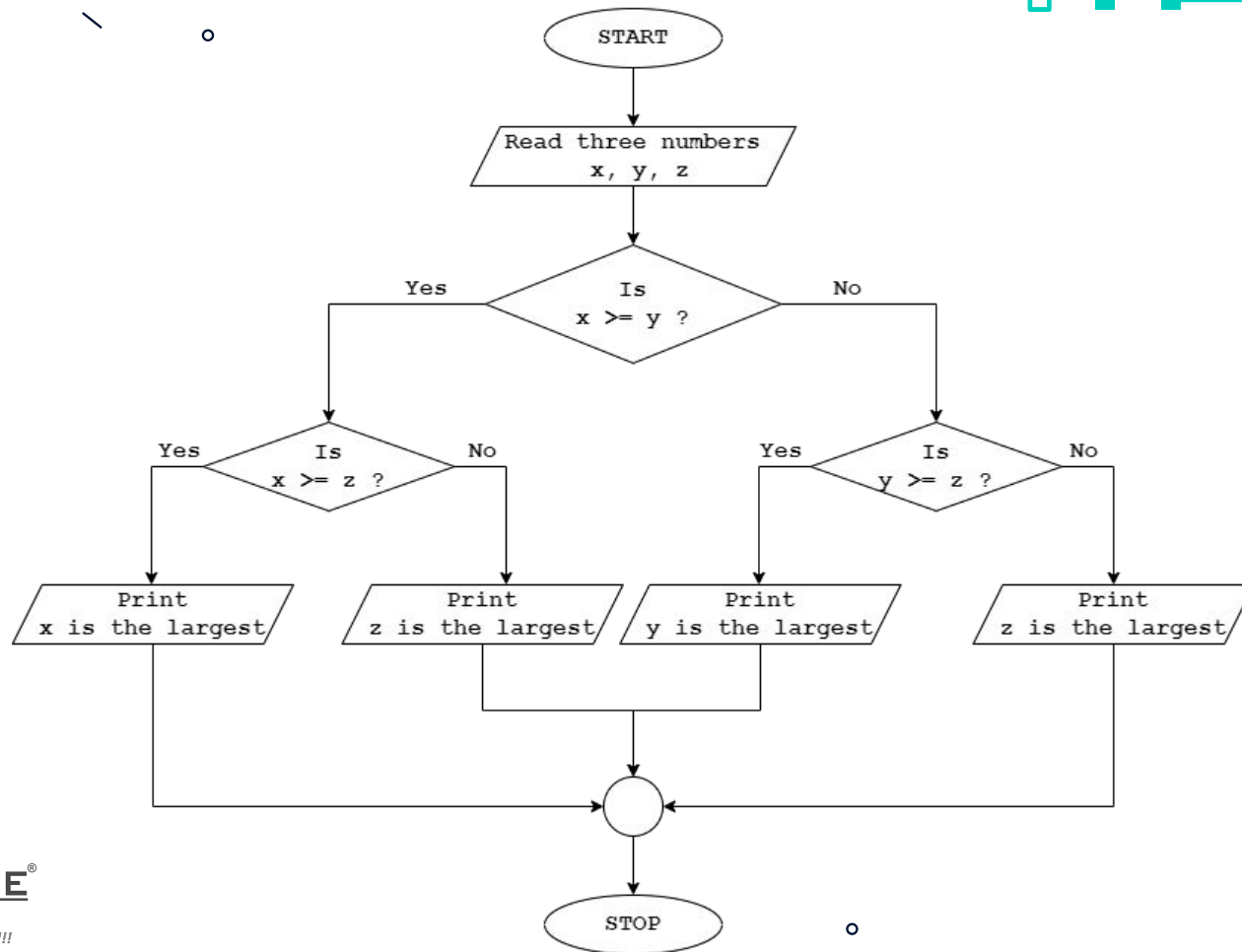
Shapes in Flowchart

Shape	Name	Description
	Start/End symbol Oval	Used to represent the start or end of a process.
	Process symbol	Represents a process or action.
	Input/Output symbol Parallelogram	Represents input or output operations.

Shapes in Flowchart

Shape	Name	Description
	Decision symbol	Indicates a decision or branching point where a question is asked, and the flow may diverge based on the answer.
	Connector symbol	Used to connect lines, indicating that the flow continues on another part of the page.
	Comment/Note symbol	This symbol adds needed explanation or comments within the specified range.

Let's see an example of Flowchart...





LANGUAGE

Let's start now...

