Src: <https://www.youtube.com/watch?v=EvfRXyKa_GI>

We have two function

Text

Description automatically generated

Result



If you move the normal function to bottom

Text

Description automatically generated

Result



**It still run well.**

But, when you move const function to bottom

Text

Description automatically generated

The normal function is run normally, but const function resulting an error. This because:

* Only normal function are hoisted,
* const (arrow) function are not hoisted

The reason behind is, variable define using const and let, these are not hoisted

What actually happened is, when you put your function (where ever you put it), automatically js will put your function to the top of the line.

Your code like this,

Text

Description automatically generated

But when you run the code, js engine will put the function (all function) to the top first like this

Text

Description automatically generated

This only works to hoisted element

--------------------------------------------------------------------------------------------------------------------------------------

Var keyword -> hoisted

Graphical user interface, text, application

Description automatically generated



It resulting undefined, what actually happened is when you create var name, js automatically setup first the var name to undefined. It works like this

Graphical user interface, text, application

Description automatically generated