

# CLAMP

Macro that will return a value limited to a given range

## Description

```
CLAMP( value, minimum, maximum )
```

Returns the value if it is within the range minimum to maximum.

If the value is smaller than minimum, returns minimum.

If the value is larger than maximum, returns maximum.

Works with both float and integer parameters.

## Parameters

value	input value
minimum	smallest allowed value
maximum	largest allowed value

## Return value

Returns the value limited to within the given range.

## Example usage

```
new n, x;  
  
n = 60;  
x = CLAMP(n, 30, 90); // 60  
x = CLAMP(n, 10, 20); // 20
```

From:

<https://doc.eze.io/> - **ezeio documentation**

Permanent link:

<https://doc.eze.io/ezeio2/scriptref/clamp>

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