WHAT IS A

CALLBACK

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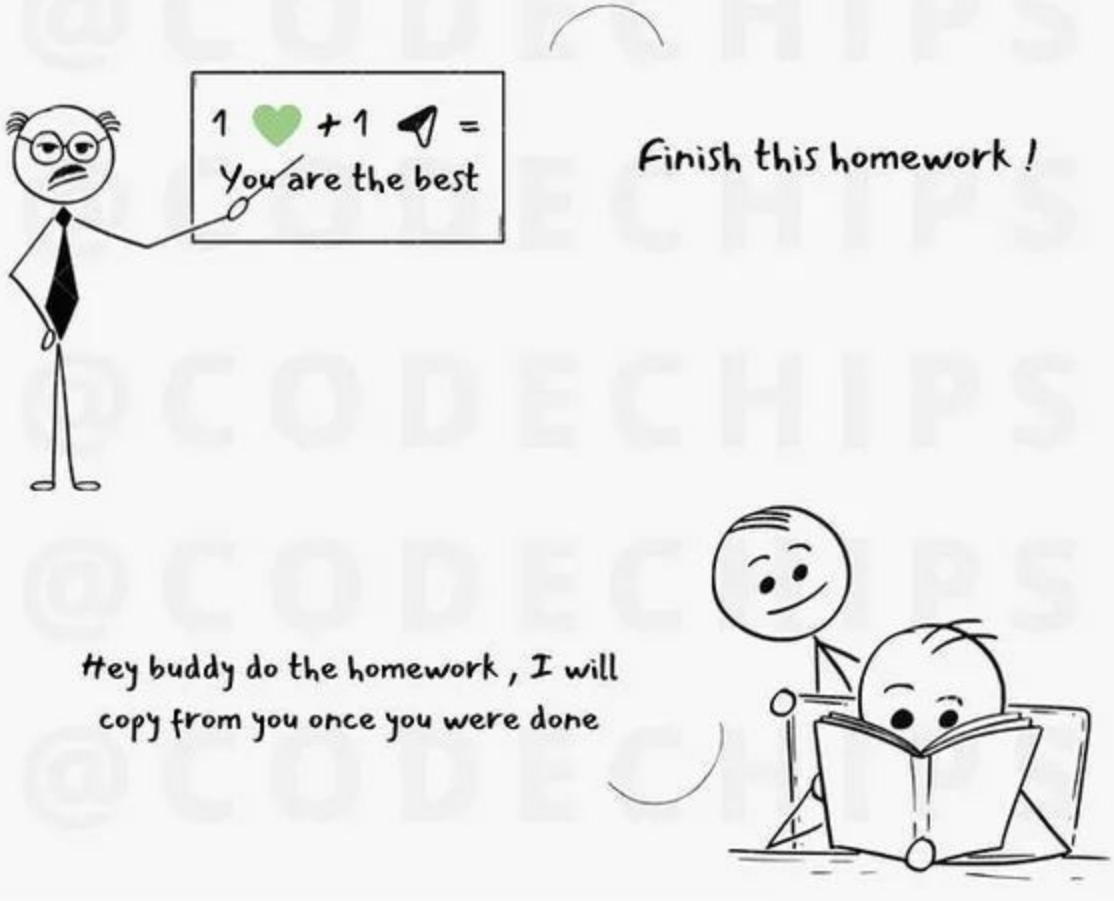
Your Maths teacher assigns you a homework

But you as a mischievous always copy it from your friend



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So you have 2 jobs to be done

- do_homework
- copy_homework

So you write the following code to accomplish this

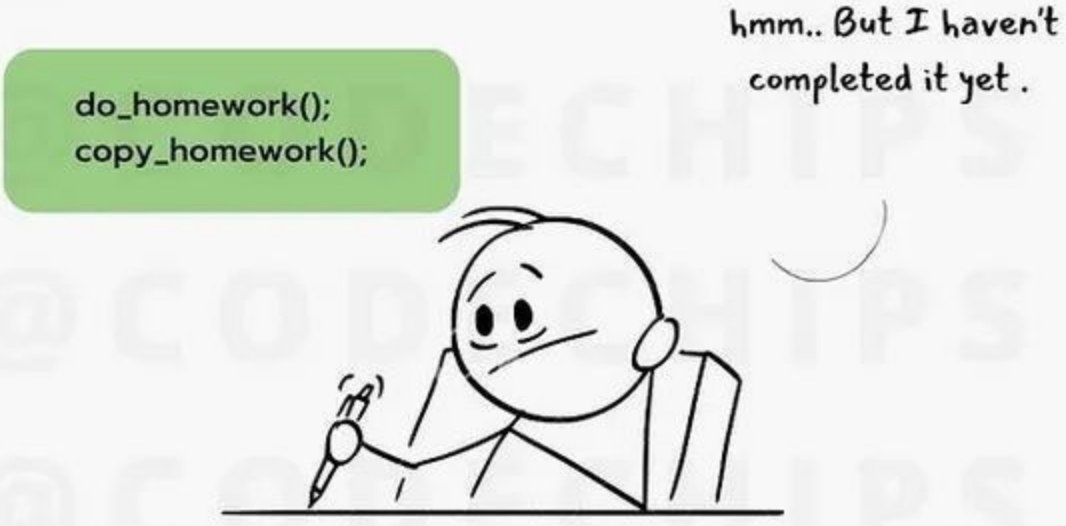
```
function do_homework( ){
    //doing math
}

function copy_homework( ){
    //copying homework
}

do_homework();
copy_homework();
```

Even though do_homework is called before copy_homework , you don't know how long will it take for your friend to complete the homework

and copy_homework will be called immediately of no use



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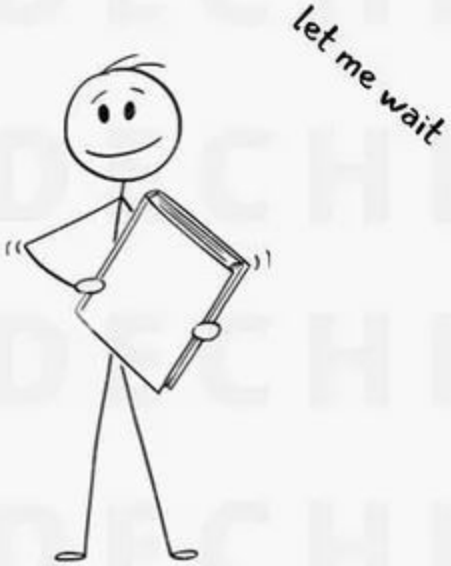
You don't want to copy empty homework

You want to wait until do_homework is done and only then call copy_homework



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This is where callbacks come into play

A callback is a function passed into another function as an **argument** to be executed later.

eg

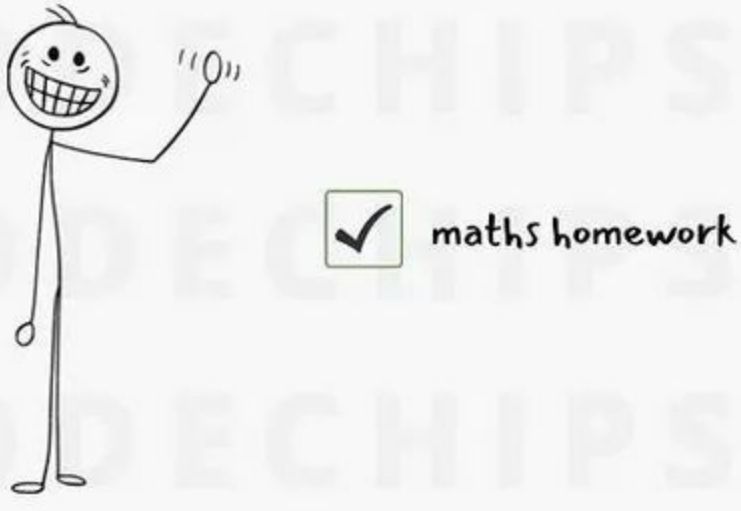
```
function do_homework(callback){
    //doing math
      callback();
}

function copy_homework( ){
    //copying homework
}

do_homework(copy_homework);
```

executes only after doing math is completed

function passed

```
do_homework(copy_homework);
```

Now copy_homework is only called once **do_homework** is done