Shell Programming

A Necessity for all Programmers

Recursive Functions

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- Write recursive functions

Recursion

- Function calls itself
- Value of parameters differ
- Divide and Conquer
- Condition to stop the recursion process

```
#!/bin/bash
counter()
{
        echo "Entry call $1"
        if [ $1 -le 2 ]
        then
                counter $(($1+1))
        fi
        echo "Exit call $1"
}
counter 1
```

```
counter()
{
  echo "Entry call $1"
  if [ $1 -le 2 ]
  then
    counter $(($1+1))
  fi
  echo "Exit call $1"
}
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- Write recursive functions

Thank you