**Linux Shell Scripting: A project-based approach to learning**

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**SEVENTH SCRIPT**

1. While loop
2. Infinite loop
3. Shifting
4. Sleeping

* While loop:

it is built-in shell command. It executes the commands as long as the final command in the 'While' commands have an exit status of zero

* Syntax:

While

Do

Echo "this is white loop"

Done

* Infinite Loop: You can use true variable which always given the exit status of 1.
* Shifting: it’s a shell built in. it renames the positional parameters $N+1,$N+2,$N+3….. To $1,$2,$3… If N is not given, it is assumed to be 1.
  + Shift
  + This shifts every parameter down by 1. So, if earlier the parameters were apple, orange, banana becomes orange, banana and lastly, banana. (Everything shifts by 1)
  + See luser-demo07.sh for reference on shift operation.
  + Processing command line arguments
  + Using username as comments then shift and use the other values as new comments for login
* Sleeping: use sleep 3 to pause the execution for three seconds