

## Chapter 8 Task

1. Create a script called **HelloWorld**, which will print Hello World statement on the terminal. Create the script in the **/home/student/bin** directory.
2. In the right window, run the **top** utility.
3. In the left terminal shell, run the **HelloWorld** script in the background.
4. In the right terminal shell, observe the top display. Toggle between load, threads and memory. Note the process ID (PID) for **HelloWorld**.
5. Turn off the use of bold in the display. Save this configuration for reuse when top is restarted. Confirm that the changes are saved.
6. Copy the **HelloWorld** script to a new file called **HelloWorld2**. Edit the script to create more sleep time. Start the **HelloWorld2** process in the background.
7. In the right terminal shell, confirm that the process is running
8. In the left terminal shell, become root. Suspend the **HelloWorld** process. List the remaining jobs. Observe that the process state for **HelloWorld** is now T.
9. Resume the **HelloWorld** process.
10. Terminate **HelloWorld**, **HelloWorld2** using the command line. Confirm that the processes are no longer displayed in top.

# Steps of Creating a script

```
#!/bin/bash
# My first script
while true; do
    echo "Hello World!"
    Sleep 10
done
```

1. Create a new file contains the above text
2. Make this file executable by running the command **chmod 755 HelloWorld**

For more details visit this page: [https://linuxcommand.org/lc3\\_wss0010.php](https://linuxcommand.org/lc3_wss0010.php)