

## Basic Lua handing

**Task:** write a simple Lua based script, using Lua language, to create a basic handler, that would change ethernet mac addresses in provided JSON type file:

**On Linux/Windows PC install lua using apt install lua5.1 or apt install lua5.2**

```
{
  "ports": {
    "eth0": {
      "mac": "6C:10:8B:00:45:00",
      "name": "eth0",
      "link": false,
      "autoneg": false
    },
    "eth1": {
      "mac": "6C:10:8B:00:44:01",
      "name": "eth1",
      "link": false,
      "autoneg": true
    },
    "eth2": {
      "mac": "6C:10:8B:00:46:02",
      "name": "eth2",
      "link": false,
      "autoneg": true
    },
    "eth3": {
      "mac": "6C:10:8B:00:47:03",
      "name": "eth3",
      "link": false,
      "autoneg": true
    },
    "eth4": {
      "mac": "6C:10:8B:00:48:04",
      "name": "eth4",
      "link": false,
      "autoneg": true
    },
    "eth5": {
      "mac": "6C:10:8B:00:49:05",
      "name": "eth5",
      "link": false,
      "autoneg": true
    }
  }
}
```

```
        "link": true,  
        "speed": 1000,  
        "duplex": "full",  
        "autoneg": true  
    }  
}  
}
```

**Provide an example code as output for lab work**