

Schooljaar: 2018 – 2019

Datum test / examen:

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Leerkracht :

Bruno SEYS

**Afdeling**

:

**HBO5 INF**

Module

:

**C4 Internet Technologie**

Naam cursist: **Desmet Tom**

Handtekening:

Puntenoverzicht

Permanente evaluatie

/

Schriftelijk examen

/

Mondeling examen

/

Totaal

/

Te herleiden naar

/



**HTTP POST Request - Apache Web Server - BASH CGI's Task**

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# Preparations/Info:

The instructor provides you a set of files:

- encode\_to\_base64.html

- encode\_to\_base64\_students.cgi

- bash\_CGI\_parsing\_GET\_and\_POST\_requests.pdf

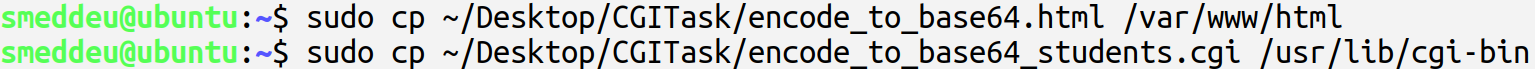
- GET\_POST\_parsing\_EXPLAINED.cgi --> reference script to parse GET & POST methods in BASH CGI

- Some screenshots

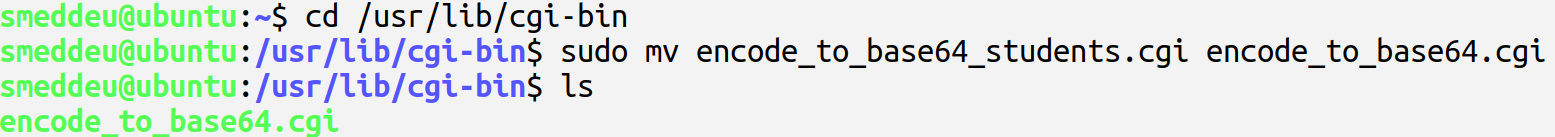
* Ensure Apache Web Server is operational and the cgi module is enabled.

# 

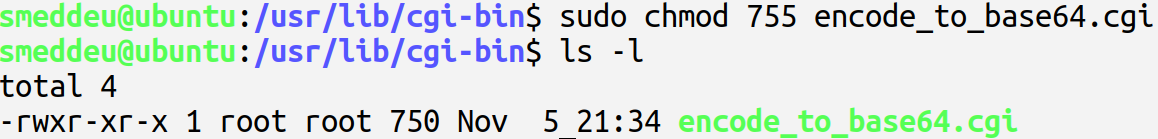
* Copy "encode\_to\_base64.html" into your DocumentRoot (/var/www/ ?) and
* "encode\_to\_base64\_students.cgi" into the "/usr/lib/cgi-bin directory".



* Rename the "encode\_to\_base64\_students.cgi file" to "encode\_to\_base64.cgi".

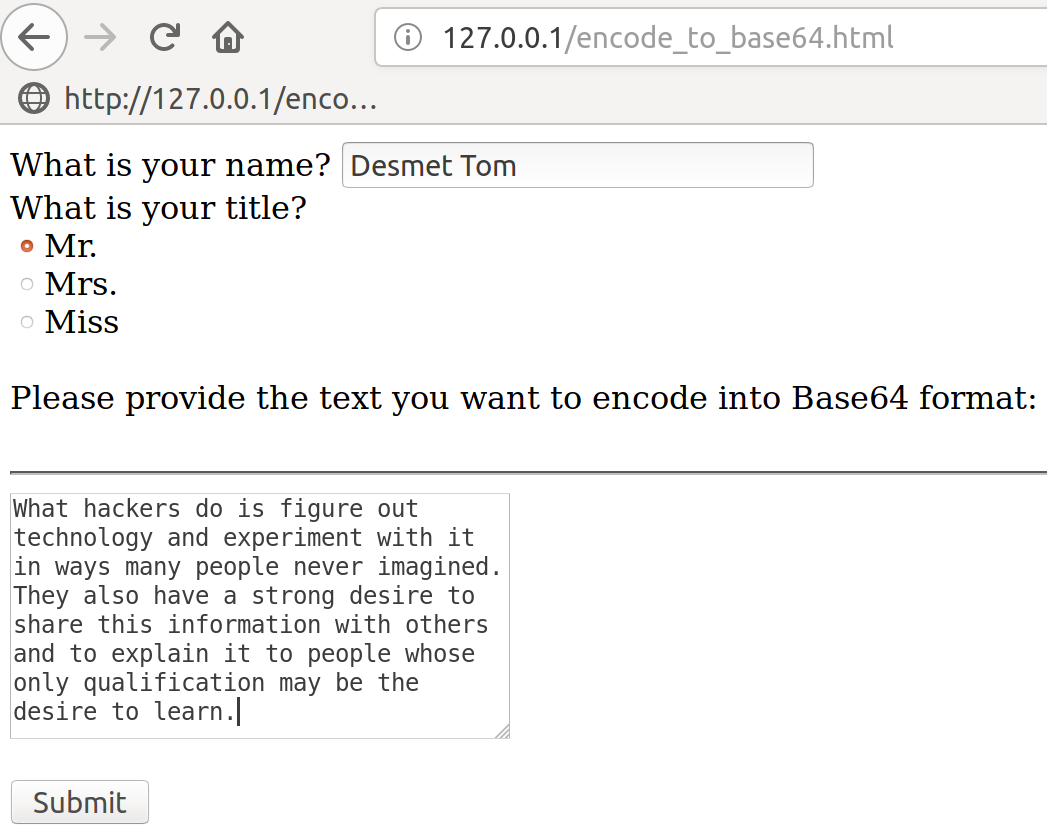


* Ensure the cgi file is executable (Eventually do a "sudo chmod 755 encode\_to\_base64.cgi").

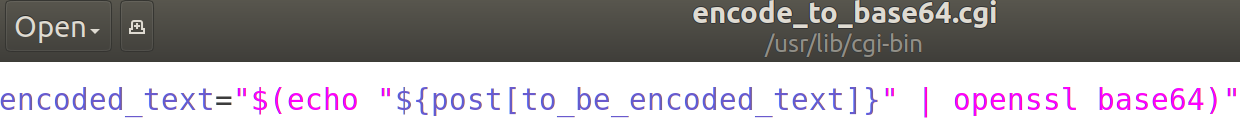


* Using the form from the html file the user submits his name, title, and some text that he/she

wants to convert into Base64 format.



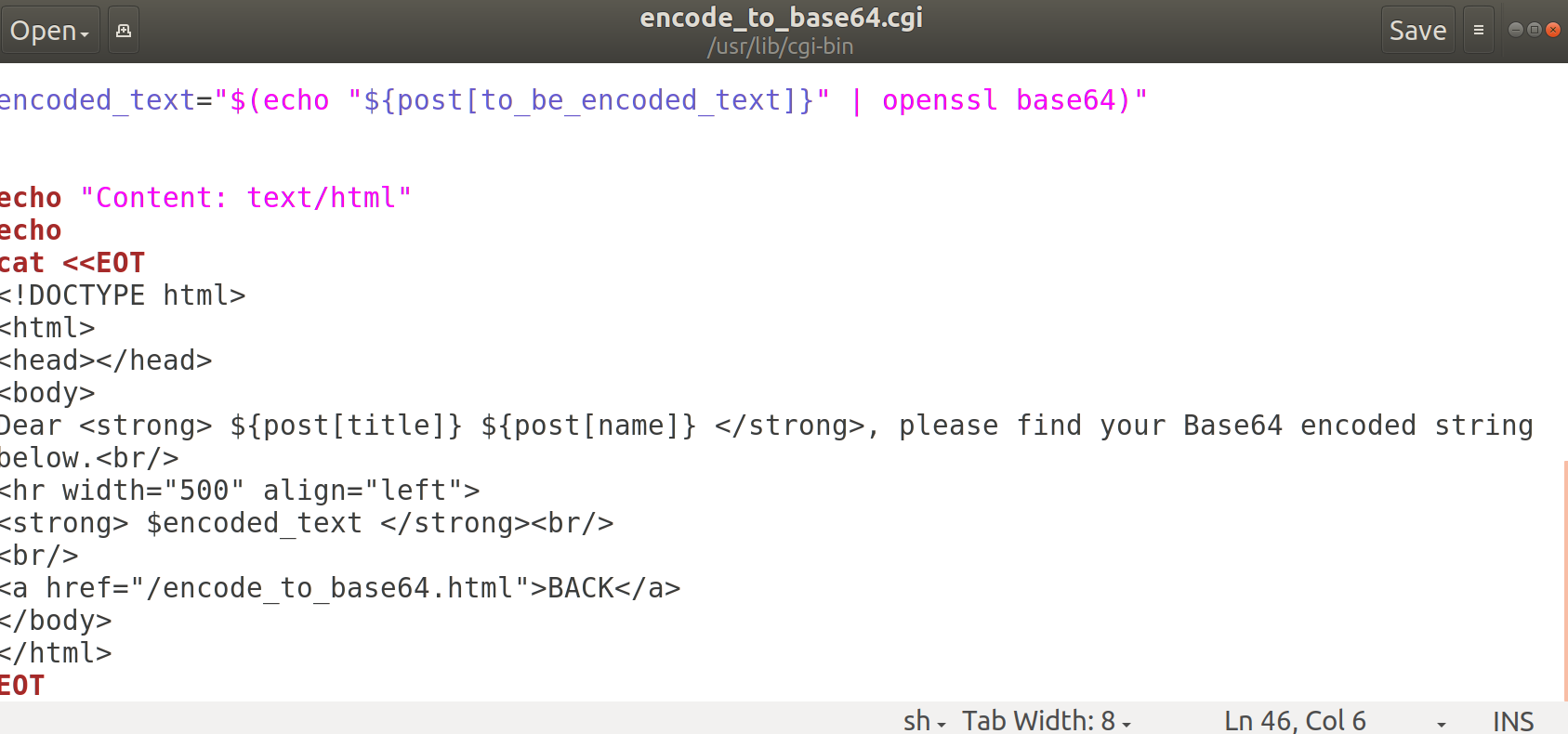
* Use the "openssl base64" command in the script.
* The form uses the HTTP POST method to send the form fields to the cgi script.



# Task:

Your task is to ensure that "name", "title" and "Base64 encoded string" are returned properly

to the user. Fill in the two missing code blocks indicated by "-->COMPLETE HERE !!!"



# Result:

