

NAME	DATE	13 / 06 / 2017	QUALIFICACIÓ
SUBJECT	ASIX1 - M01UF3	AC. YEAR	

1- Download <http://www.collados.org/asix1/m01/tu3/ex1/rocket4.c> . Create a **Makefile** to easily:
 a) Compile **rocket4.c**
 b) Install **rocket4** on your system in the **/bin** directory
 c) Uninstall **rocket4** from your system (2p)

2- Create a new **.deb** package called **rocket4_0.3-5_amd64.deb** with the following information:
 a) Maintainer: **your_mail@fje.edu** e) Release: **5** i) Source location: **rocket4**
 b) Sumary: **rocket4 launch** f) License: **GPL** j) Provides: **rocket4**
 c) Name: **rocket4** g) Group: **utilities**
 d) Version: **0.3** h) Architecture: **amd64** (2p)

3- Create a **.rpm** file from **.deb** file created previously. (1p)

4- Write a script which shows a menu with the following options:

- a) Add a new **group** to the **system**.
- b) Remove a **group** from the **system**.

In case you select option:

a) Your script will **add** a **group** to the **system**. Your script **must ask** the **group name** and the **group identifier**. If your script **can** add the **group** to the **system** then, a list of groups in your system will be shown on the terminal. If your script **can not** add the **group** to the **system** then, the following error message will be shown on the terminal: **"The group can not be added to the system"** and the script will terminate returning an exit code equal to **3**.

b) Your script will **remove** a **group** from the **sytem**. Your script **must ask** the **group name**. If your script **can not** remove the **group** from your **system** then, the following error message will be shown on the terminal: **"The group can not be removed from the group"** and the script will terminate returning an exit code equal to **2**.

If you do not select a valid option then, your script must show the following message **"Wrong option"** and the script will terminate returning an exit code equal to **1**. If everything works fine then, your script should terminate returning an **exit code** equal to **0**. Save your script with the following name: **gr.sh** (4p)

5- Modify **gr.sh**. Add an option to ask the user if he/she wants to start again from the beginning. If the user answers **y** or **Y**, your script should show again the menu. If the user does not answer **y** or **Y**, your script should terminate returning an exit code equal to **0**. Save your script with the following name: **gr2.sh**. (1p)

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Save into a file called **asix1_surname_name_m01tu3ex1.tar.gz** the following files:

- a) **Makefile**
- b) **rocket4_0.3-5_amd64.deb**
- c) **rocket7-0.3-6.x86_64.rpm**
- d) **gr.sh**
- e) **gr2.sh**

Send your files attached to an e-mail with the following subject: **asix1_surname_name_m01tu3extr**.

Good luck to everybody !!!!