

Task 0 – Test Setup Read Me

This file contains instructions to test the installation of Python and related libraries.

Kindly follow the steps below:

- You will find **test_setup.py** and **cardinal.pyc** files in the folder. **Do not modify any of these files.** “**cardinal.pyc**” file is used as a backend support for **test_setup.py** to execute, so **do not play with this file.**
- Open Command Prompt inside the folder where this **Test_Setup_Read_Me.pdf** file is located by replacing the path in the address bar with “**cmd**” as shown in Figure 1 and press Enter. This will open Command Prompt inside this folder itself.

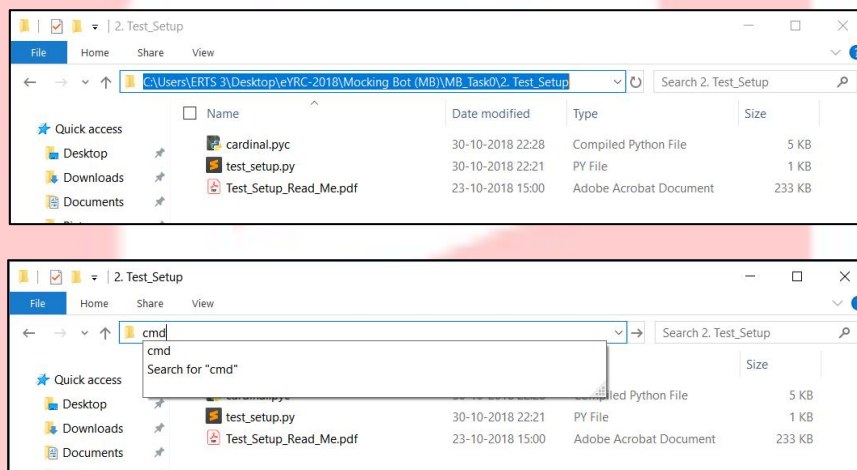


Figure 1

- In Command Prompt, type **python test_setup.py**. You should see the output as shown in Figure 2. The entire path in the image above may be different in your case.

```

C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.17134.345]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\ERTS 3\Desktop\eYRC-2018\Mocking Bot (MB)\MB_Task0\2. Test_Setup>python test_setup.py

+-----+
|               Test installed software/libraries and their versions               |
+-----+
| Software/Library | Expected | Your output |
+-----+
| Python           | 2.7.x    | 2.7.15      |
| NumPy            | >=1.14.x | 1.15.3      |
| SciPy            | >=1.0.x  | 1.1.0       |
| Pyserial         | 3.4      | 3.4         |
| Matplotlib       | 2.2.3    | 2.2.3       |
+-----+

Congrats ! All software/library are installed correctly.

C:\Users\ERTS 3\Desktop\eYRC-2018\Mocking Bot (MB)\MB_Task0\2. Test_Setup>

```

Figure 2

- The output will show the Python version along with versions of libraries: NumPy, SciPy, Pyserial and Matplotlib, both which are expected and the ones installed on your system. If for any of the software/library, the version numbers do not match with the expected, you will get the corresponding message to install the software/library with correct version.
- To update any library, you can type the following command. For example, your NumPy version is less than 1.14.x, you can update to the latest one by typing:

pip install numpy --upgrade

- Once everything is as expected, you will get the message: **“Congrats ! All software/library are installed correctly.”**. Along with this message, a text file **“output.txt”** is generated in the same folder. This file contains data in encoded format. **Kindly do not play with or modify this output.txt file**, else your Task 0 will not be evaluated successfully. **Do not rename** this file, let it be **“output.txt”** only.
- On getting the output as in Figure 2, take the screen capture of the command prompt. Save this snapshot/image with the name as: **“MB#<Team_ID>_Task0.png”**. For example, if your Team ID is 9999, name your image file as: **MB#9999_Task0.png**. Kindly note that the file name should be as specified with the extension as **.png** only.
- For successful completion of **Task 0**, upload the image and text file on the portal. Select **“Select files/folder”** button to upload the text file. From the dialog box, select the **“output.txt”** file and click **Open** as shown in Figure 3.

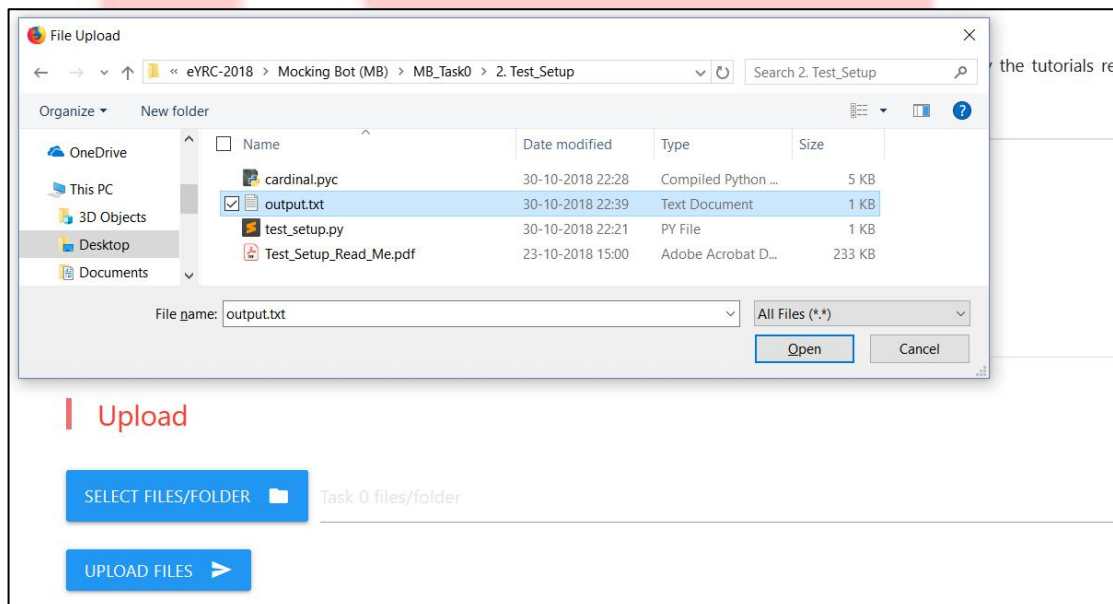
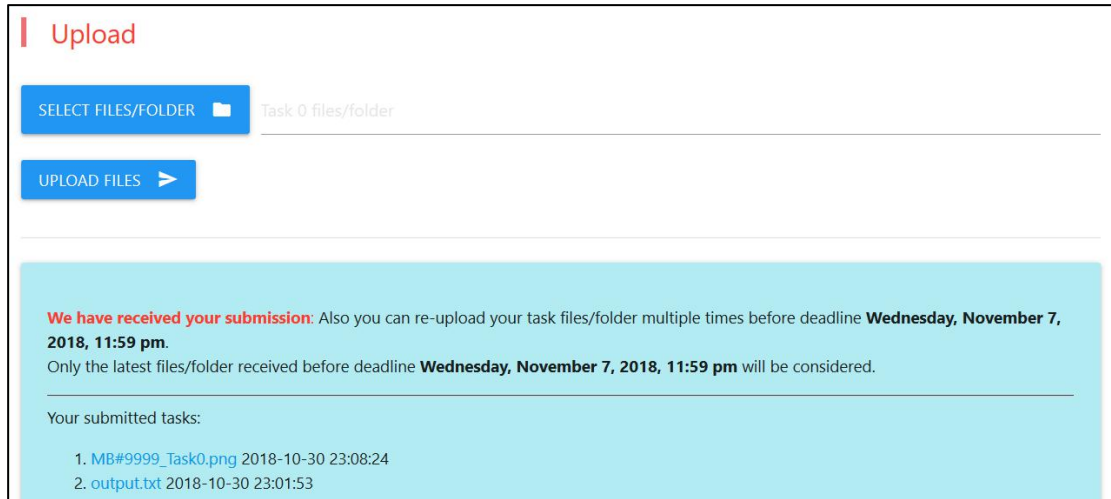


Figure 3

- You shall see the file name **“output.txt”** besides the **“Select files/folder”** button. Click on **“Upload files”** button to submit the text file.

- Repeat the previous two steps to upload an image file “**MB#<Team_ID>_Task0.png**” on portal. After uploading the image file, you shall see your both submissions on the page as shown in Figure 4.



Upload

SELECT FILES/FOLDER Task 0 files/folder

UPLOAD FILES ➤

We have received your submission: Also you can re-upload your task files/folder multiple times before deadline **Wednesday, November 7, 2018, 11:59 pm**. Only the latest files/folder received before deadline **Wednesday, November 7, 2018, 11:59 pm** will be considered.

Your submitted tasks:

1. MB#9999_Task0.png 2018-10-30 23:08:24
2. output.txt 2018-10-30 23:01:53

Figure 4

- Congratulations on completing **Task 0** successfully ! Kindly head over to learn the resources provided.