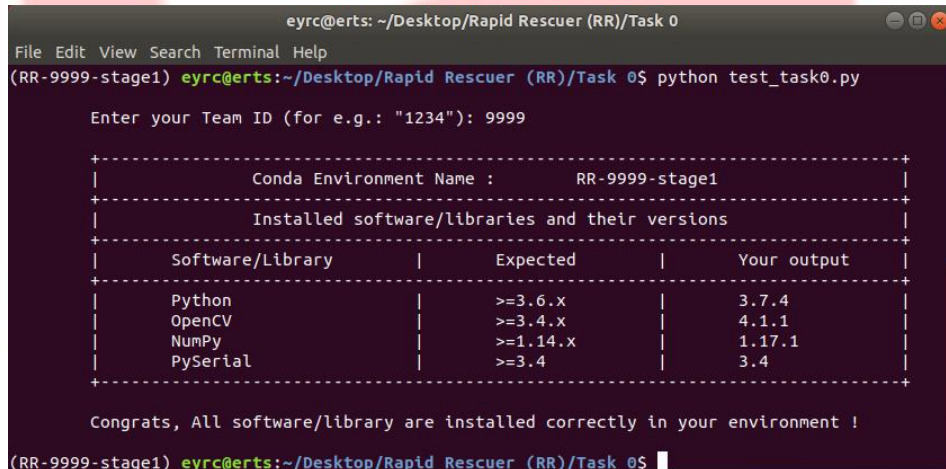


Task 0 – Test Setup Read Me

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

Kindly follow the steps below:

- You will find **test_task0.py** and **task0_cardinal.pyc** files in the folder where this file is located. **DO NOT** modify any of these files.
- The **task0_cardinal.pyc** file is used as a back-end support for **test_task0.py** to execute, so **DO NOT** play with this file.
- Open **Terminal** and navigate to the folder where this **Test_Setup_Read_Me.pdf** file is located.
- Activate the environment using command: “**conda activate RR-9999-stage1**”.
- Type: “**python test_task0.py**” and press **Enter**.
- You should see the output as shown in Figure 1. The output shows the versions of software/libraries: **Python, OpenCV, NumPy** and **PySerial**.



```

eyrc@erts: ~/Desktop/Rapid Rescuer (RR)/Task 0
File Edit View Search Terminal Help
(RR-9999-stage1) eyrc@erts:~/Desktop/Rapid Rescuer (RR)/Task 0$ python test_task0.py

Enter your Team ID (for e.g.: "1234"): 9999

+-----+
|                Conda Environment Name :      RR-9999-stage1                |
+-----+
|                Installed software/libraries and their versions                |
+-----+
| Software/Library | Expected | Your output |
+-----+
| Python           | >=3.6.x  | 3.7.4       |
| OpenCV           | >=3.4.x  | 4.1.1       |
| NumPy            | >=1.14.x | 1.17.1      |
| PySerial         | >=3.4    | 3.4         |
+-----+

Congrats, All software/library are installed correctly in your environment !

(RR-9999-stage1) eyrc@erts:~/Desktop/Rapid Rescuer (RR)/Task 0$
  
```

Figure 1: “python test_task0.py” output

- Once everything is as expected, you will get the message:
“Congrats, All software/library are installed correctly in your environment !”
- Along with this message, a text file “**task0_output.txt**” will be generated in the same folder. This file contains data in encoded format. **Kindly DO NOT play with or modify this task0_output.txt file**, else your Task 0 will not be evaluated successfully. **Do not rename this file**, let it be “**task0_output.txt**” only.

- For successful completion of **Task 0**, upload the “**task0_output.txt**” file on the portal. Select “**Browse**” button to upload the file. From the dialog box, select the “**task0_output.txt**” file and click **Open** as shown in Figure 2.
- You shall see the file name “**task0_output.txt**” besides the “**Upload**” button. Click on “**Upload Task0**” button to submit the text file.



The screenshot shows a web interface titled "Upload". Below the title is a message: "Once your Task 0 is ready please upload it on or before mentioned deadline date." There is a text input field with the value "task0_output.txt". To the left of the input field is a button labeled "Upload", and to the right is a button labeled "Browse". Below the input field is a red button with a red upload icon and the text "Upload Task0".

Figure 2: Upload “**task0_output.txt**” on portal

- Congratulations on completing **Task 0** successfully !