**CONTENT ASSESSMENT 2**

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**1. Give the command line interface (cli) commands to perform the following:**

**• Create a folder in your home directory called “CA2”.**

**Ans:**

First open the terminal and follow the command sequence given below:

* Type ‘cd’ and press ENTER.
* Type ‘mkdir CA2’ and press ENTER.

The first command enters in the home directory of the raspberry pi and the second command create a new directory with name ‘CA2’ inside the home directory of the raspberry pi.

**• Move into the “CA2” directory.**

**Ans:**

To move into a specific directory, we use command pattern in such a way that first type ‘cd’ and then type directory name.

* **cd CA2**

The above command enters into the newly created directory. Now you can create new files and folders in this directory.

**• Create a program file called “test.py”, or “test.c”, or “test.cpp” (depending on the programming language you want to use).**

**Ans:**

On terminal navigate to the ‘CA2’ directory and use ‘touch’ command to create a python test program and name that program test.py.

* touch test.py
* open test.py

**• Edit your program file to display your first name, last name, and current time/date when it’s executed.**

**Ans:**

When your program open, add following lines here. The program for this example is given below:

**Program:**

import datetime

print(“First name: Ali”)

print(“Last name: Alyami”)

now = datetime.datetime.now ()

print ("Current date and time : ")

print (now.strftime("%Y-%m-%d %H:%M:%S"))

**• Save your program and execute it at the command line.**

**Ans:**

When you finish your program editing. Now save the program and execute the test.py program in terminal.

**Ctrl + O**

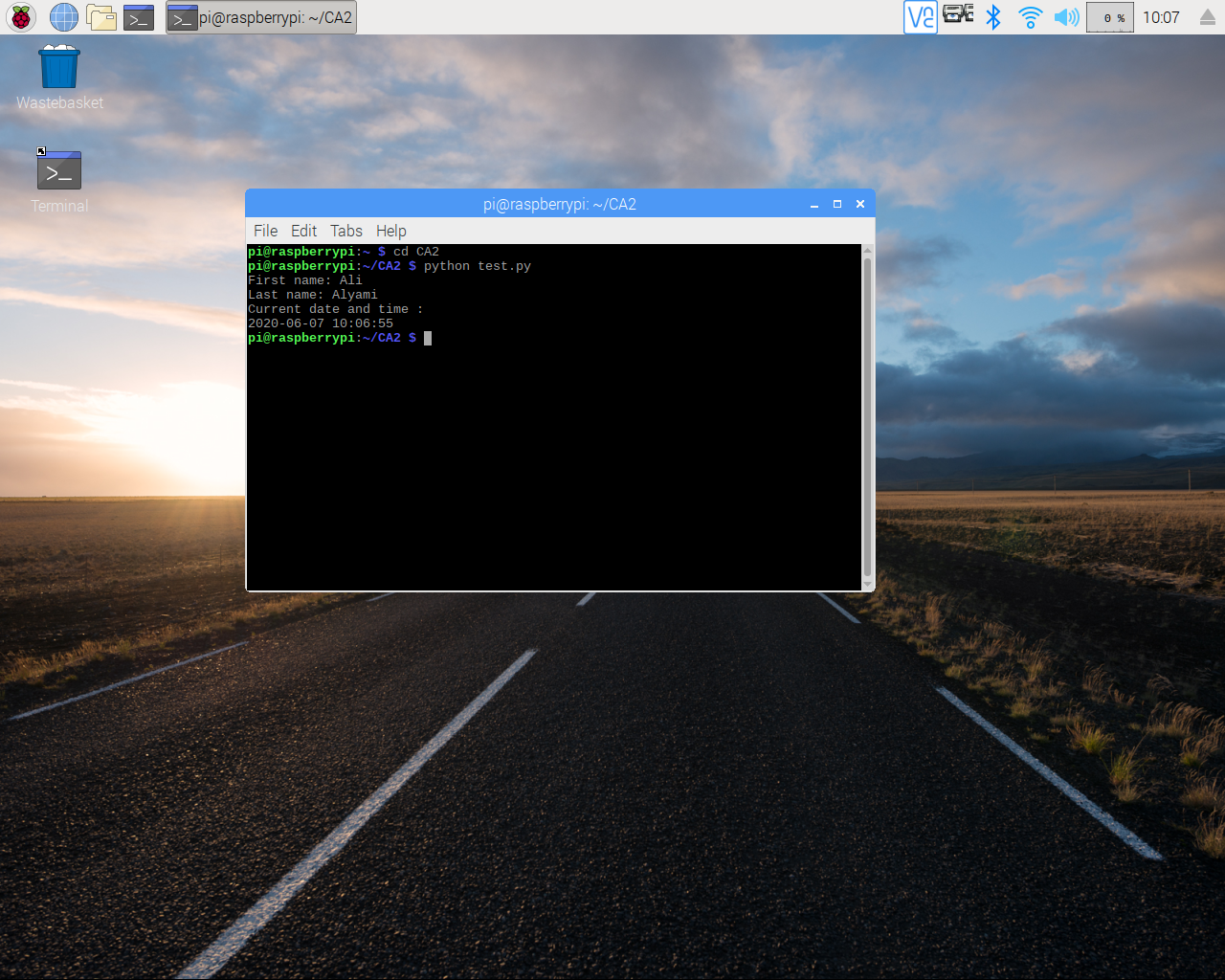
For executing the program, we have to move inside the ‘CA2’ directory. if you already present in the ‘CA2’ directory then use following command : ‘python test.py’.

* Python test.py

If you are outside this directory then first move inside the ‘CA2’ directory and then type this command ‘python test.py’.

* Cd CA2
* Python test.py

**2. Provide a screenshot of the output of your program.**

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