**HARDWARE DETAILS**

**SERIAL PORT CONNECTED TO THE HARDWARE KIT**

**REQUIREMENTS:**

* 1 PIC Micro controller board
* 1 USB Dongle(Serial Boot Loader)

**CONNECTION:**

* Rx of Dongle to Rx of uart1 of the Micro Controller kit.
* Tx of Dongle to Tx of uart1 of the Micro Controller kit.
* Supply(5v) of Dongle to Supply(5v) of Micro Controller kit.
* Ground(0v) of Dongle to Ground(0v)of Micro Controller kit.
* Insert the Dongle to the respective COM Port of the system(Laptop).

**WORKING:**

Writing data into the COM Port using Python terminal, reading the data on the python terminal along with displaying the data on the LCD Screen of the hardware kit and the below mentioned output for your reference.

**OUTPUT:**

|  |  |
| --- | --- |
| **HD1** | HD2 |

