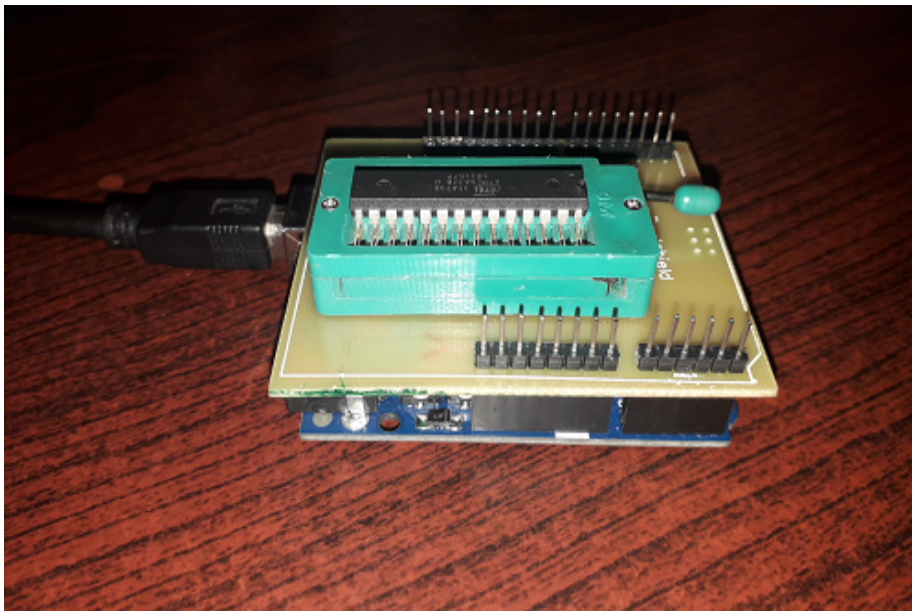
Procedure for Boot Loading AT328 Chip

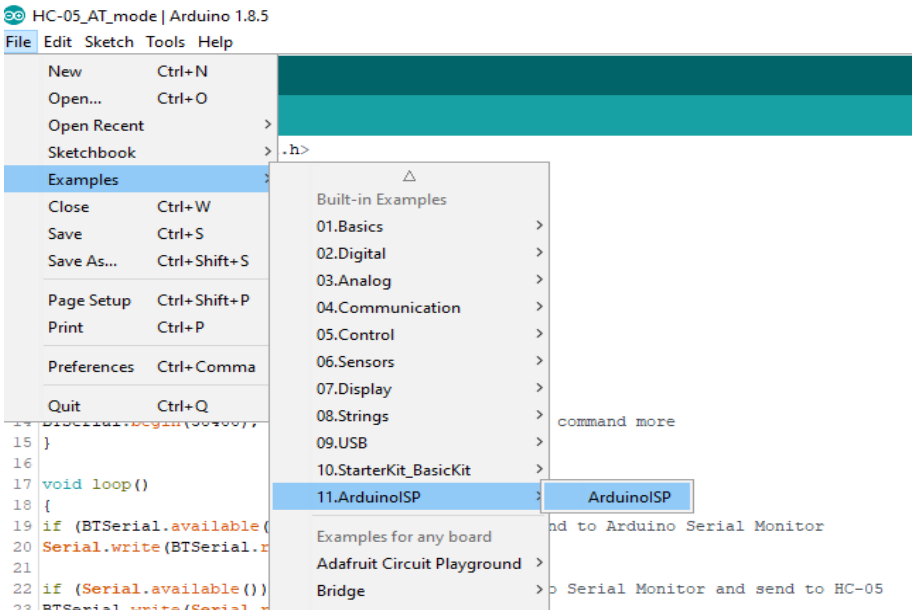
Loading Arduino ISP Sketch:

1. Connect the Boot Sheild to Arduino and place the new AT328 IC to Jig base as shown below.



Arduino with BootSheild

2. Open Arduino ISP Skectch by, selecting File->Examples->11.ArduinoISP-> ArduinoISP and upload the sketch to arduino.

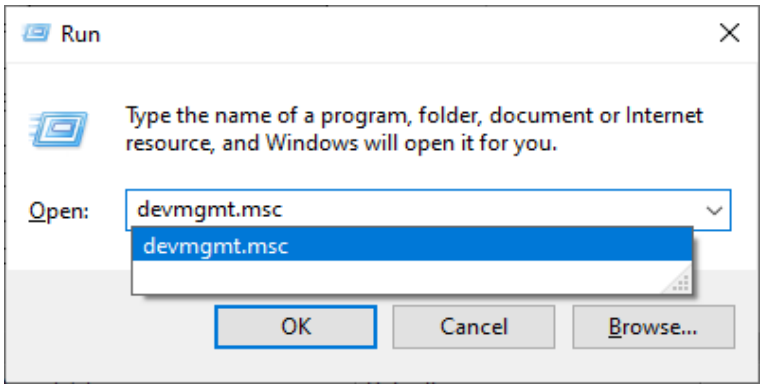


Opening Arduino ISP Sketch

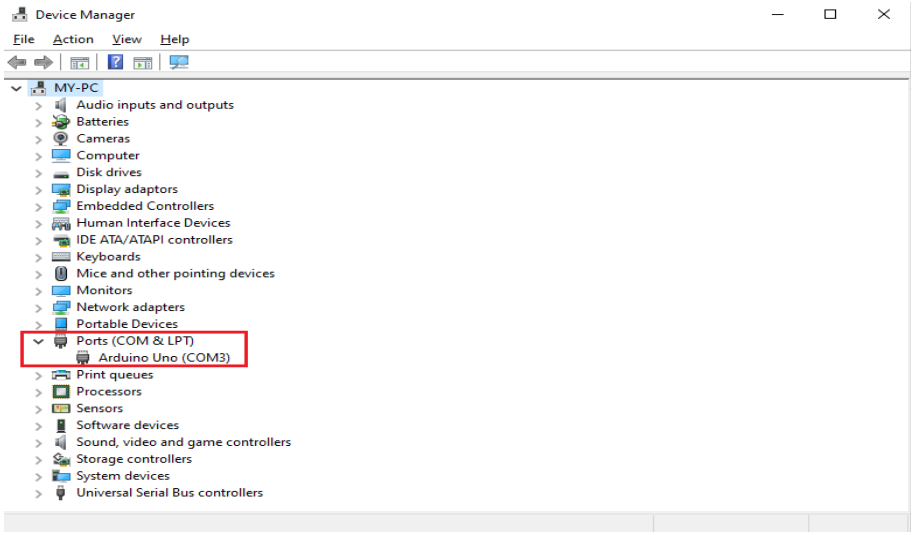
Uploading to Arduino

Identifing COM Port:

1. Press “Win+R” to open Run, and type **devmgmt.msc** command to open Device Manager.



Run

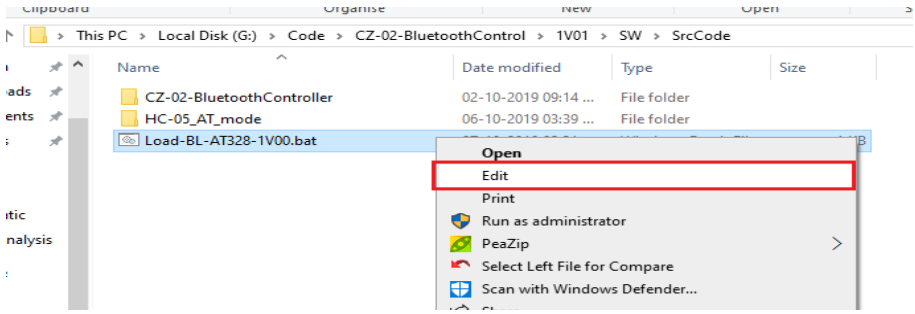


Device manager

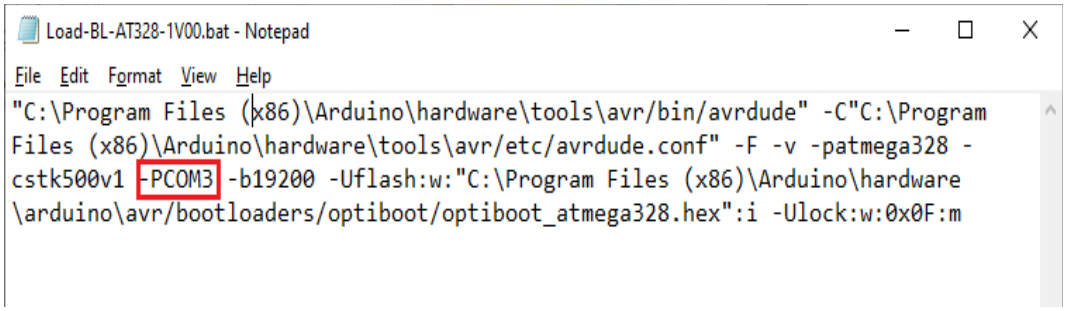
2. Note down the Serial Port to which arduino is connected. (In the above screen shot it is COM3).

Edit the Script File:

1. To edit the script file, right click on the file (Load-BL-AT328-xVyz.bat), and select edit and a notepad will open as shown below.



Right Click Menu

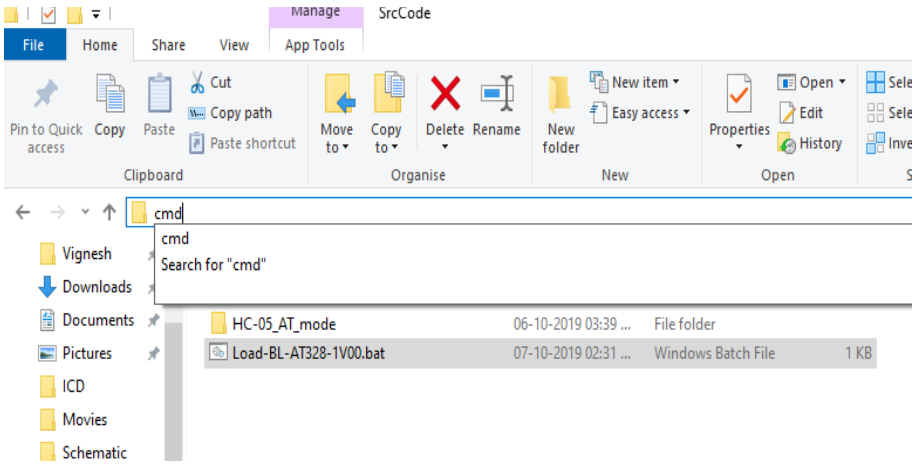


Changing COM Port

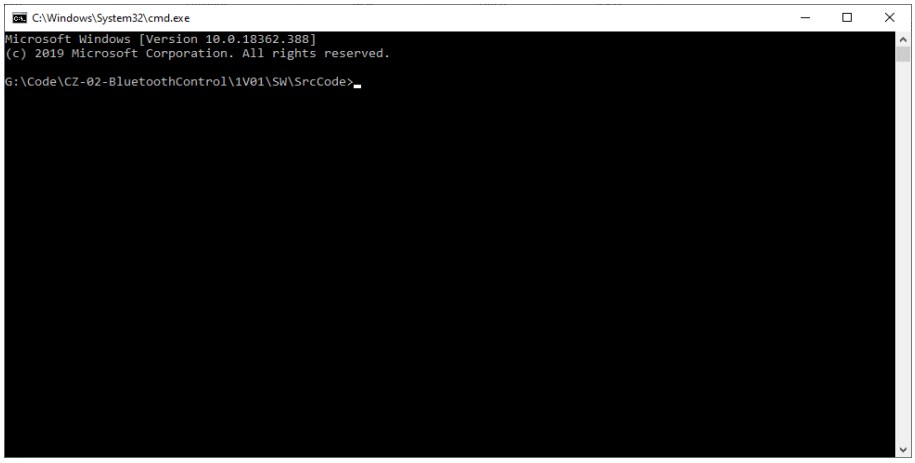
2. Now change the COM port number to the port to which Arduino is connected (ie Previous Step) and save and close the file.

Loading BootLoader:

1. Go to the folder where the "Load-BL-AT328-xVyz.bat" file is present, and type **cmd** in the address bar and press **enter** to open command prompt.

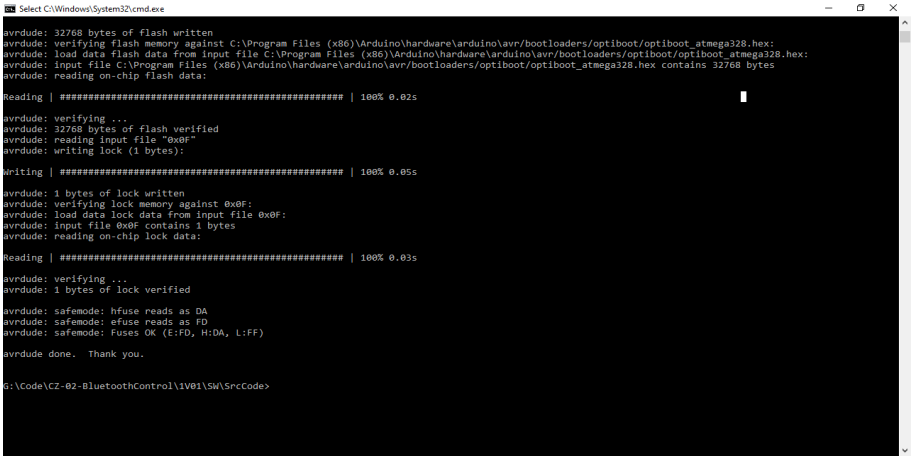


Boot Loader Script Folder



Command Prompt

2. In Command Prompt, type **Load-BL-AT328-1V00.bat** and press enter to load the boot loader. Refer the below screen shot



Script Output