### Prerequisites for Internet of Things (IoT)

### **Hardware Specifications:**

- · Windows (minimum 10), Mac OS, Ubuntu
- Ram 4GB ( minimum)
- Hard disk 256GB (minimum)
- Processor Intel i3 (minimum), Mac M1

#### **Software Specifications:**

- Anaconda Navigator <a href="https://www.anaconda.com/products/distribution">https://www.anaconda.com/products/distribution</a>
- · Spyder / VS Code / Pycharm

#### Create an Account in Thinkercad

https://www.tinkercad.com

#### IBM:

IBM Account Creation - https://vimeo.com/742609168/1824d26a5b (Follow this video for IBM Skill Build Account Creation)

- IBM Skill Build <a href="https://www.ibm.com/academic/home">https://www.ibm.com/academic/home</a>
- Webmail <a href="https://sg2plmcpnl492529.prod.sin2.secureserver.net:2096/">https://sg2plmcpnl492529.prod.sin2.secureserver.net:2096/</a>
- IBM Cloud https://cloud.ibm.com/login

TEAM ID:PNT2022TMID36623 Member1:Team lead:BANDLA VENU MADHAV Member2:KUMAR.A Member3:BALU SUNDAR T.S

Member4:SARAVANAN.V

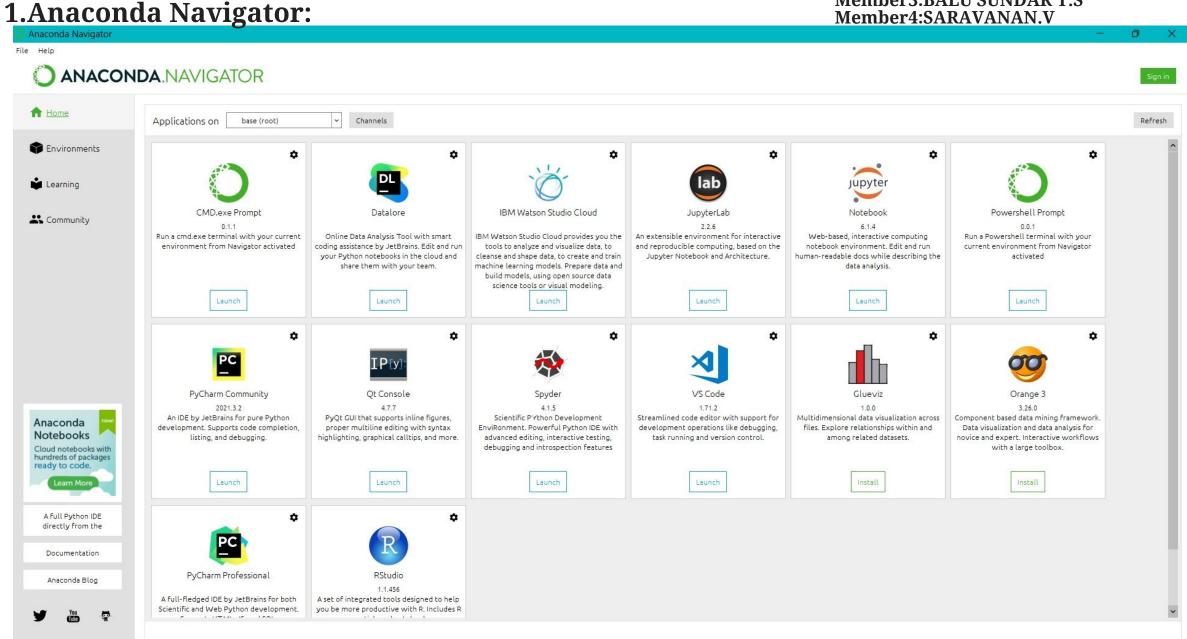
## **IOT Softwares:**

**TEAM ID:PNT2022TMID36623** Member1:Team lead:BANDLA VENU MADHAV

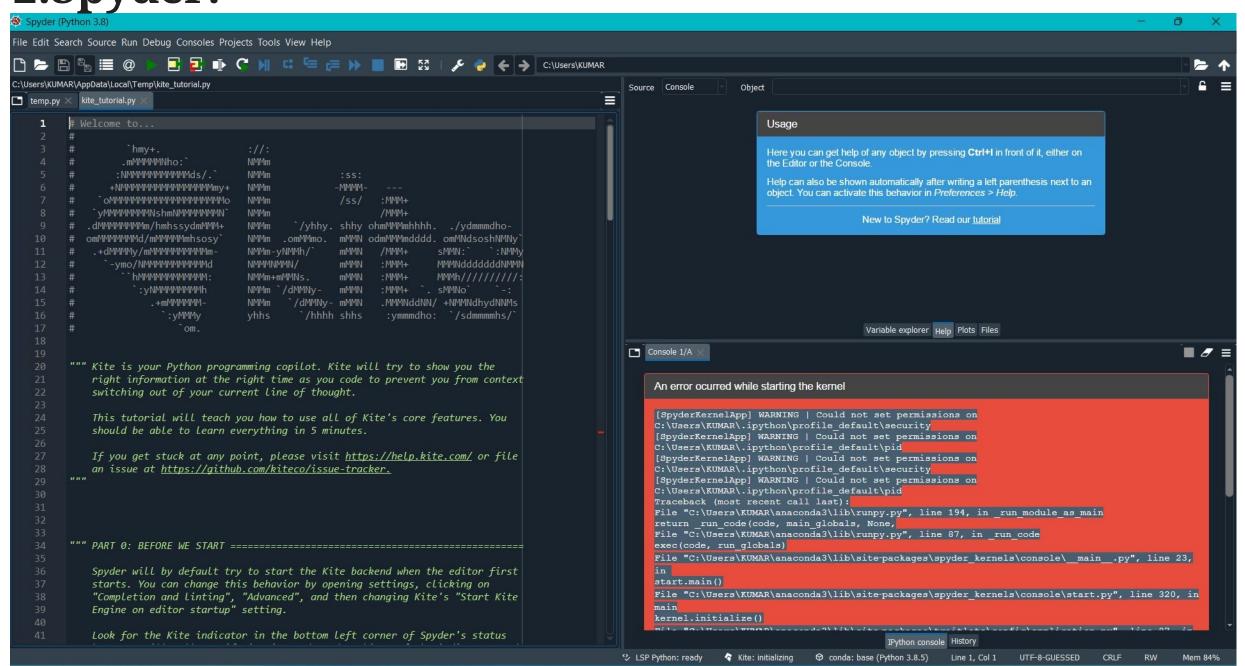
Member2:KUMAR.A

Member3:BALU SUNDAR T.S

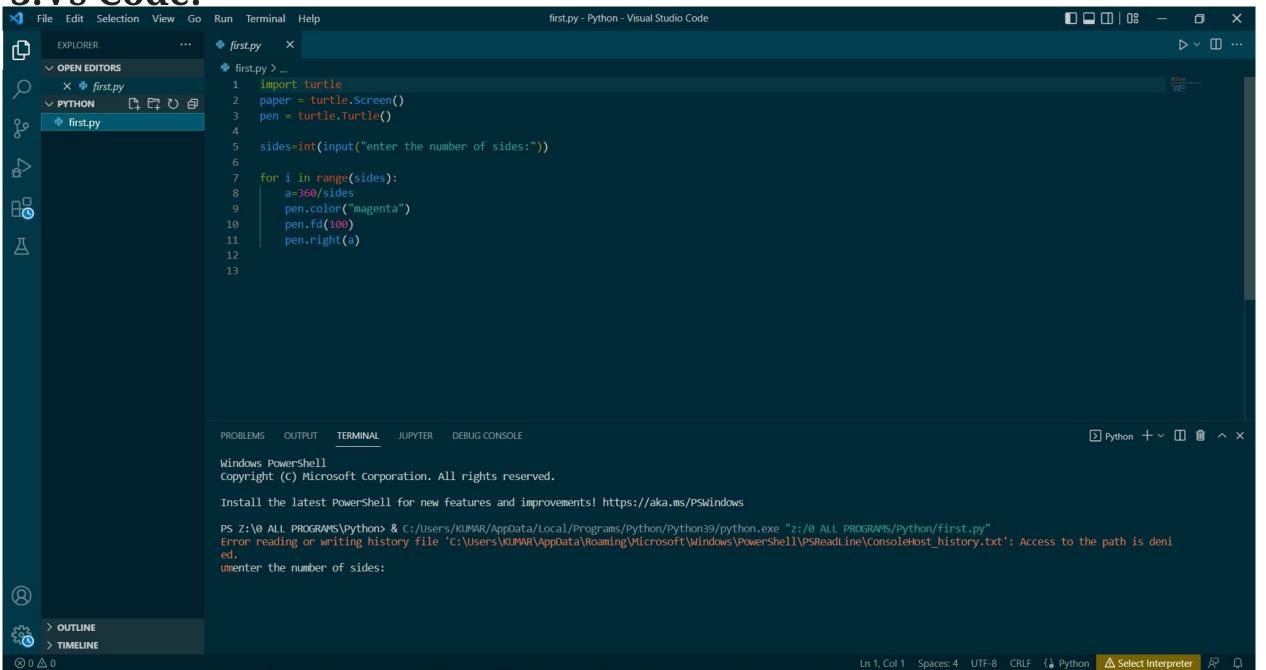
Member4:SARAVANAN.V



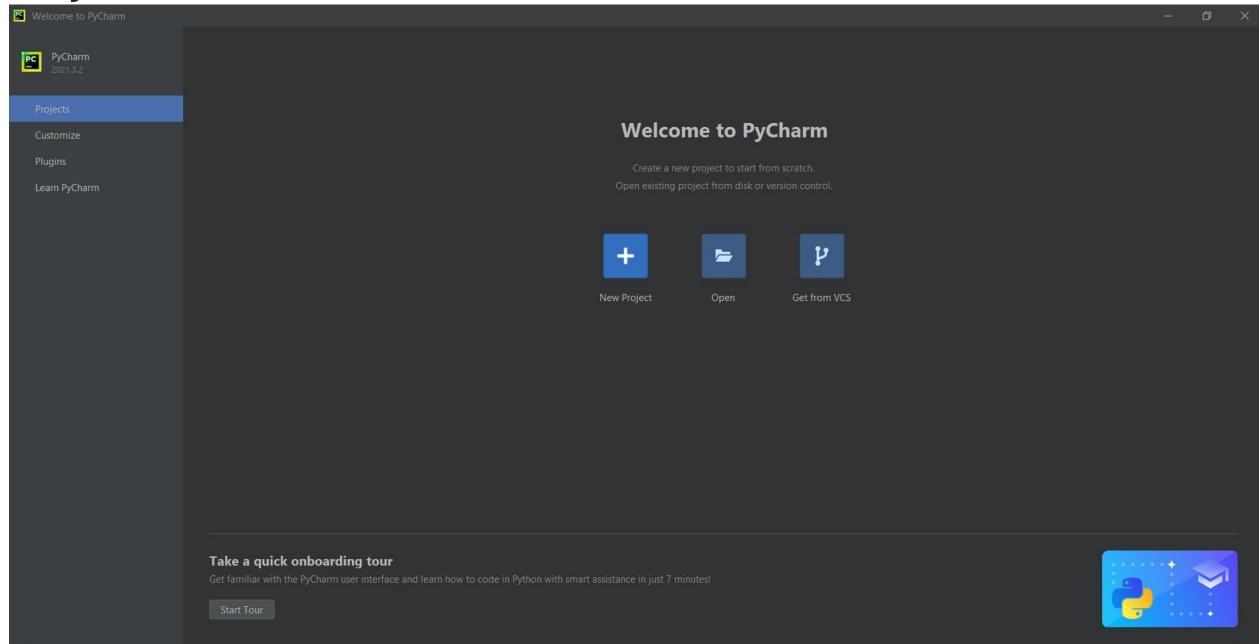
# 2.Spyder



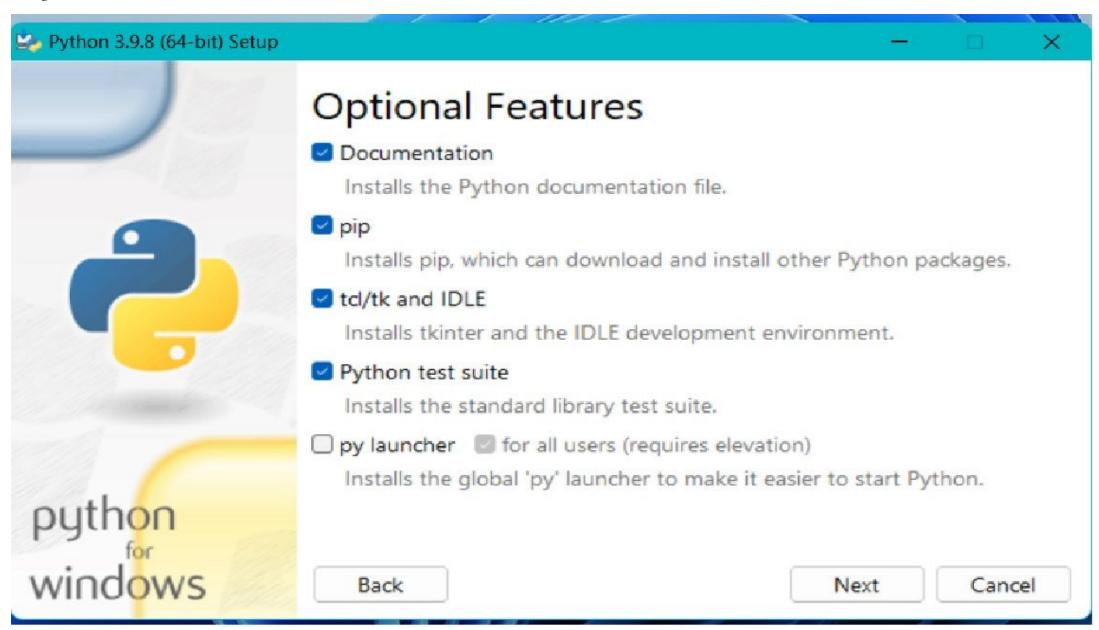
### 3.Vs Code:



## 4.PyCharm:



### 5.Python-3.9.8



Member4:SARAVANAN.V

>>>

<u>File Edit Shell Debug Options Window Help</u>

Python 3.9.8 (tags/v3.9.8:bb3fdcf, Nov 5 2021, 20:48:33) [MSC v.1929 64 bit (AMD64)] on win32 Type "help", "copyright", "credits" or "license()" for more information.

>>> print("TEAM ID:PNT2022TMID36623")
TEAM ID:PNT2022TMID36623
>>> print("Member1:Team lead:Vennu Madhav.B")
Member1:Team lead:Vennu Madhav.B
>>> print("Member2:KUMAR.A")
Member2:KUMAR.A
>>> print("Member3:BALU SUNDAR T.S")
Member3:BALU SUNDAR T.S
>>> print("Member4:SARAVANAN.V")