

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 - <https://www.anaconda.com/products/distribution>
- 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 - <https://www.ibm.com/academic/home>
- Webmail - <https://sg2plmcpnl492529.prod.sin2.secureserver.net:2096/>
- IBM Cloud - <https://cloud.ibm.com/login>

TEAM ID: PNT2022TMID36685

Member 1: Team lead: Divya S

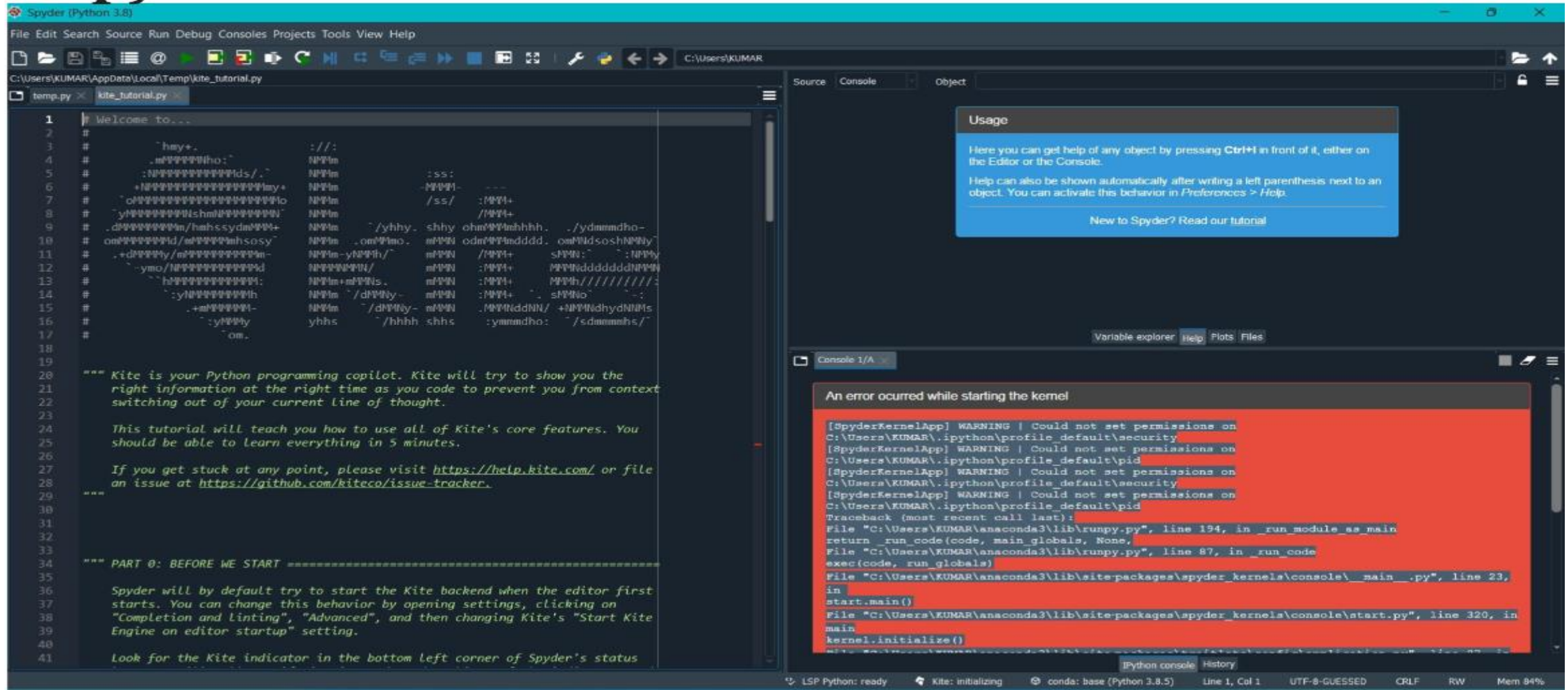
Member 2: Prakash R

Member 3: Baluprakash T S

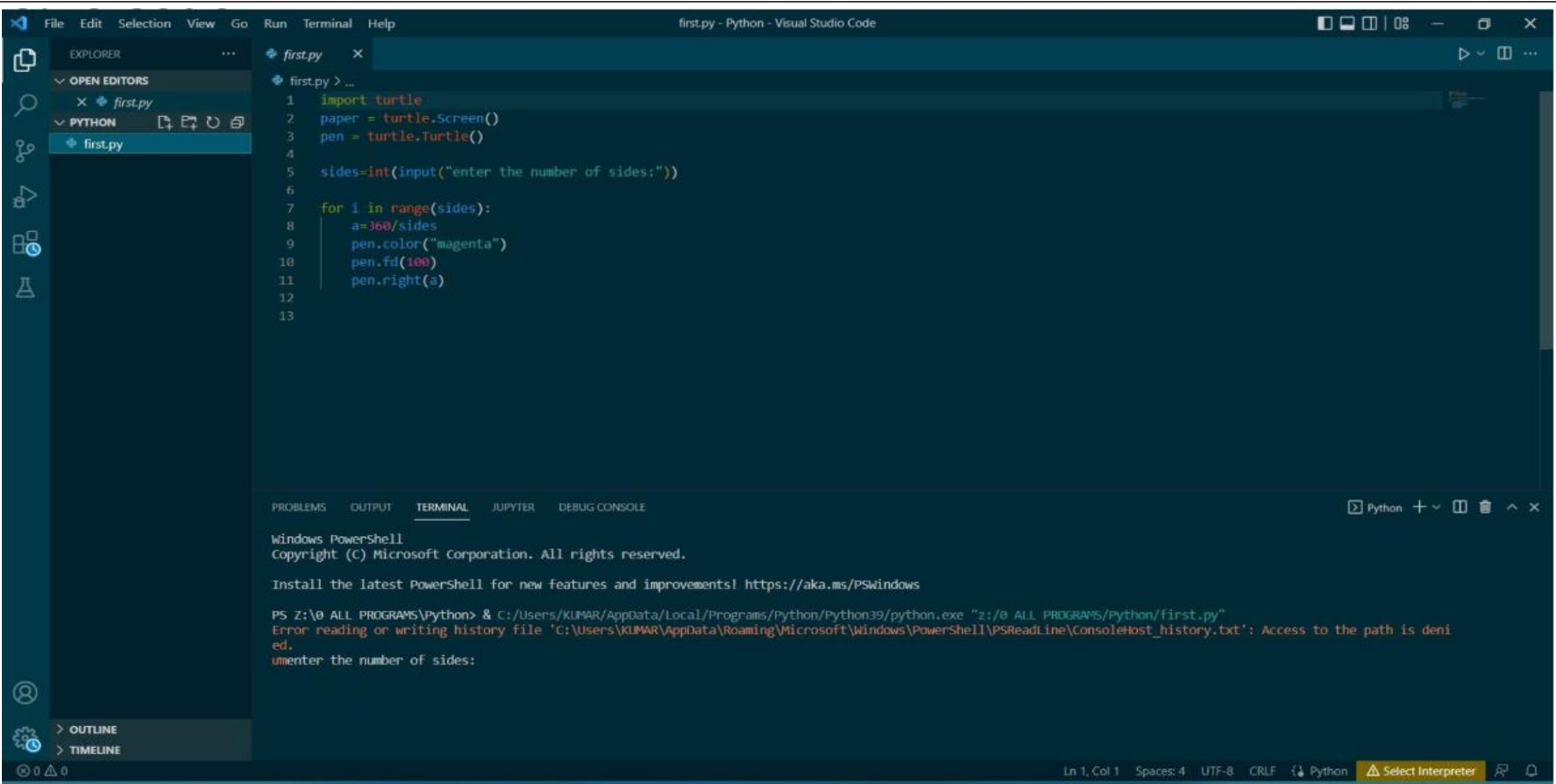
Member 4: Monishwari N

Member 5: Narmatha N

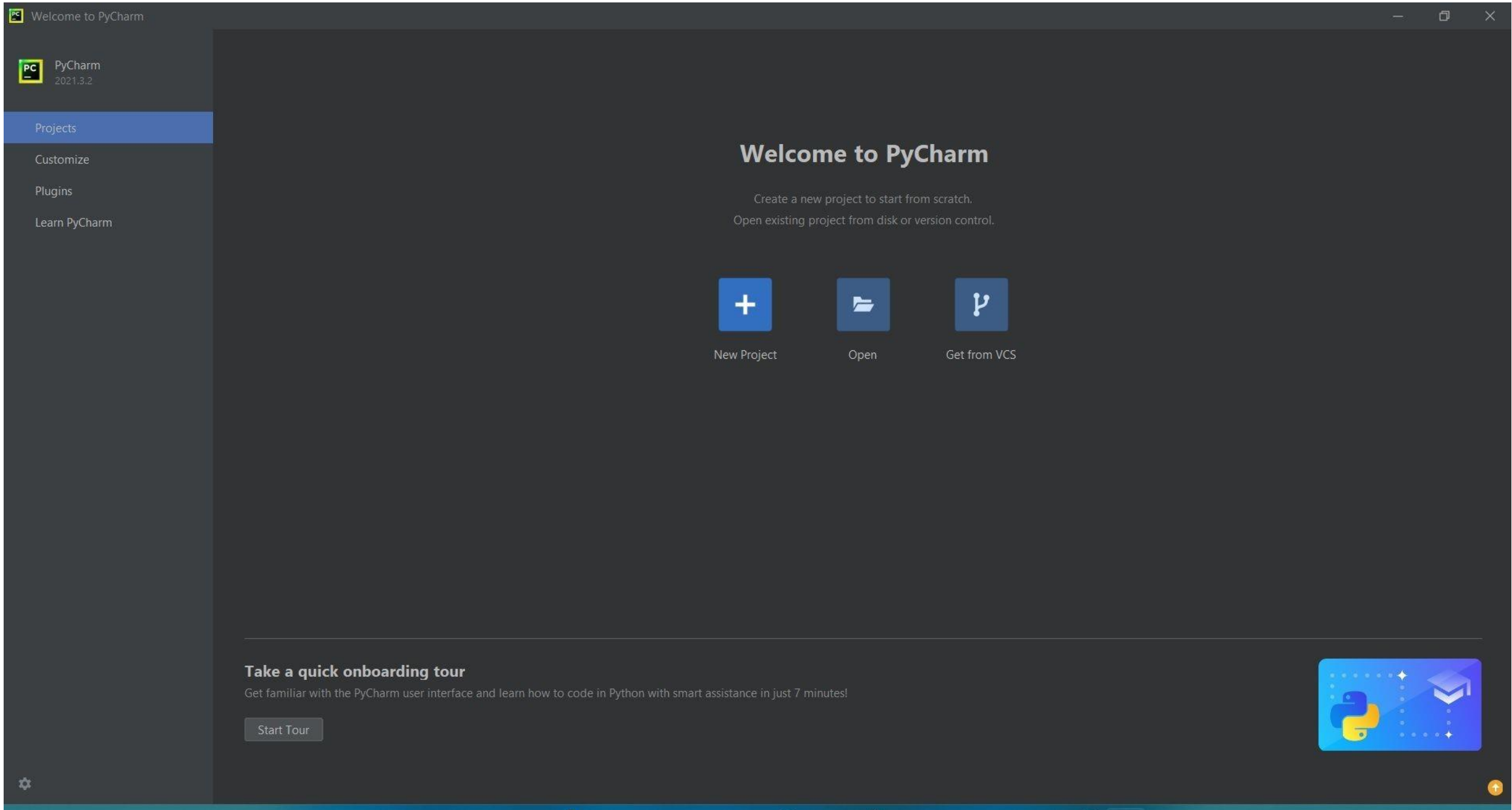
2. Spyder



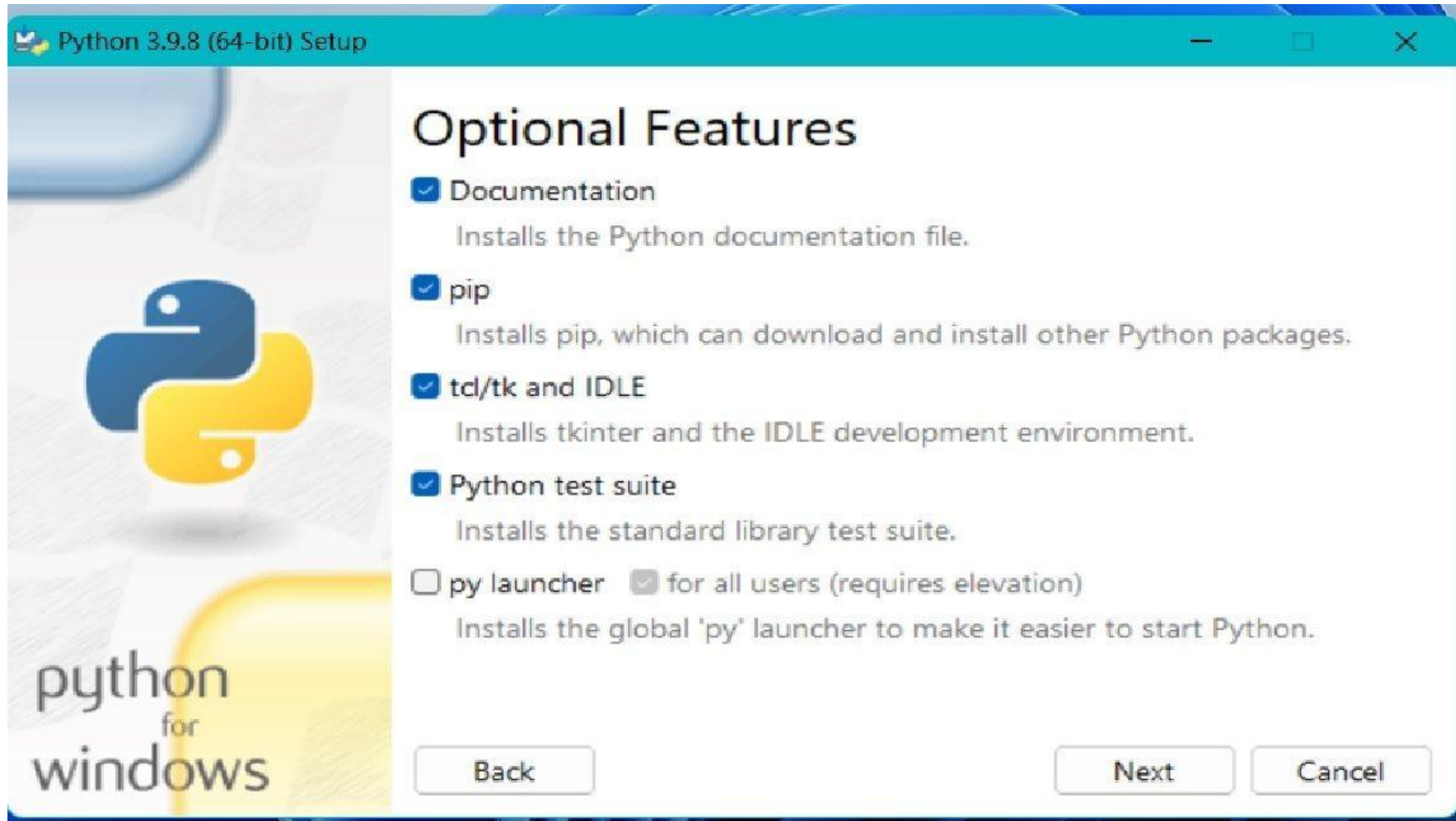
3.Vs Code:



4.PyCharm:



5. Python-3.9.8



Python 3.9.8 (tags/v3.9.8:bb3fdcl, 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:PNT2022TMID36685")
TEAM ID:PNT2022TxID36623
>>>print("Member1:Teamlead: Divya S")
Member1:Team lead: Divya S
>>> print("Member2:Prakash R")
Member2:Prakash R
>>> print("Member3:Baluprakash T
S")
Member3:Baluprakash T S
>>> print("Member4:Monishwari N ")
Member4 : Monishwari N
>>> print ("Member 5: Narmatha N")
Member5: Narmatha N
```