Robotics Club IITKanpur

Introduction to Python Programming

In case of any doubts in this tutorial, contact Neil Shirude (9850892135).

- Step 1: Sign in to azure jupyter notebooks using the following link:
  - https://notebooks.azure.com/help/jupyter-notebooks
- Step 2: Familiarize yourself with basic python programming using the following videos-
  - https://www.youtube.com/watch?v=qZ_RJSJk534
  - https://www.youtube.com/watch?v=KZO9W3MPf68
  - https://www.youtube.com/watch?v=kxQ-HOENUIQ
  - The 3 jupyter notebooks used above can be found in the link below-
    - https://drive.google.com/drive/folders/1HbAt0fTQ8CT-1cNTr_B_IodGrdo9AmHK?usp=sharing
  - Create a new project in Jupyter Notebooks and upload the 3 .ipynb files in it. Explore the jupyter notebooks interface using these files.
- Step 3: Go through the following problem.
  - https://drive.google.com/file/d/1_sGJMUmZhKUl-bT_eTWga7QXwIr6hp8E/view?usp=sharing
  - (Please excuse the bad handwriting and ignore the last 3 lines xD)
- Step 4: Download, Solve and Submit-
  - Download the following file:
    - https://drive.google.com/file/d/1EAbB67BJWLHagK5QYpc-ASbqzVBR92th/view?usp=sharing
    - Open it in jupyter notebooks and follow the instructions
  - Submit your rendered file by filling the following form:
    - https://forms.gle/yBiQuafpbD19yLAS8
- Step 5: We are always looking for feedback and suggestions. Contact the creator of the tutorial in case you wish to provide feedback on this tutorial.

Courtesy: Vipul Arora Sir, Department of Electrical Engineering, IIT Kanpur

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