

**Team: int\_elligence**

**Members: Sai Srujan Chinta (sc4401), Ishan Khandelwal (ik2442),  
Dhruv Chamania (dc3383)**

We have a few ideas which we have enlisted here. We hope to finalise a good topic in the near future.

- 1) Finding bugs in Phosphur or Crochet as per the discussion in class.  
Ideally, we hope to rectify the bugs we find in this open source tool. We further aim to conduct a user-survey of this tool in order to obtain useful directions to work in with regards to Phosphur or Crochet.
- 2) Comparative study of Python-centric testing frameworks using AI-fuelled game (example: Sudoku, 2048 etc.). Bugs can be induced in the source code in order to test the robustness of these testing frameworks.
- 3) Finding bugs in OpenCV.