

Summer Internship 2013

MOOC PROTOTYPE

Week 02 – Report – 01 26/5/2013

ABHINAV PURI

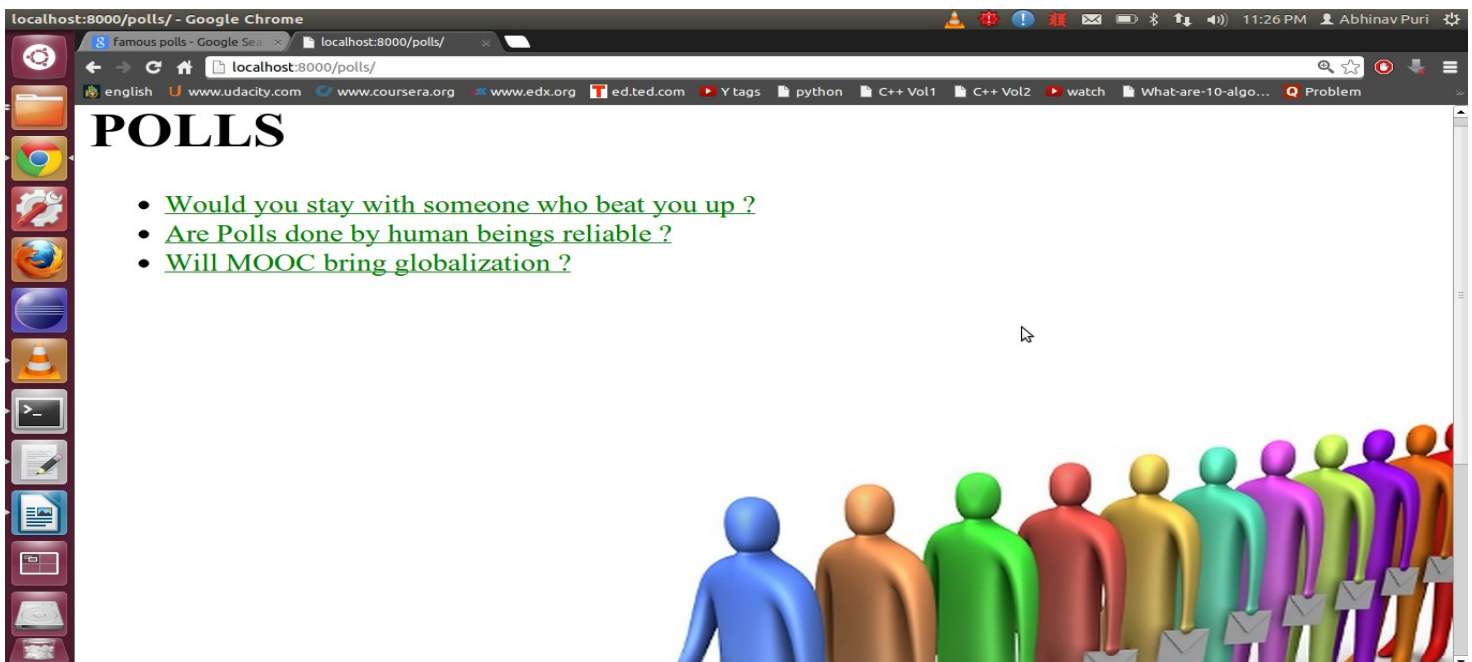
Week 02 - Tasks :

- Install and Learn Django 1.5.1
- Design temporary website's frontend (i.e. MOOC webpage layout).
- Add yellow mark in youtube video player as an indication for popping out of a quiz in the player.
- Add faster Powerpoint/PDF viewing method to html page.
- Design for Team webpage layout.

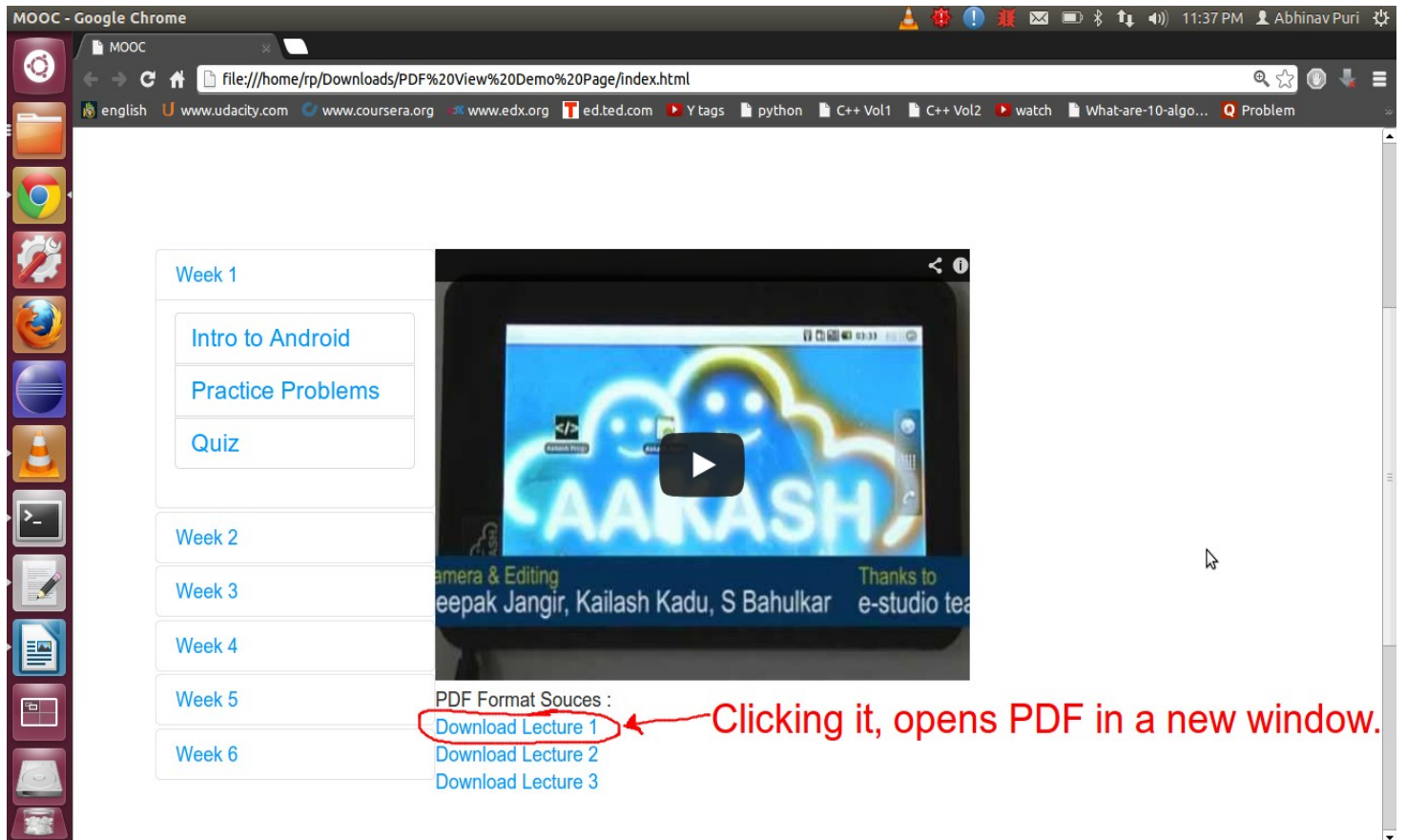
Tasks Accomplished this Week :

- Completed the django docs for basic levels, made basic polling app in Django explained in tutorials and then moved ahead towards the advanced level learning.

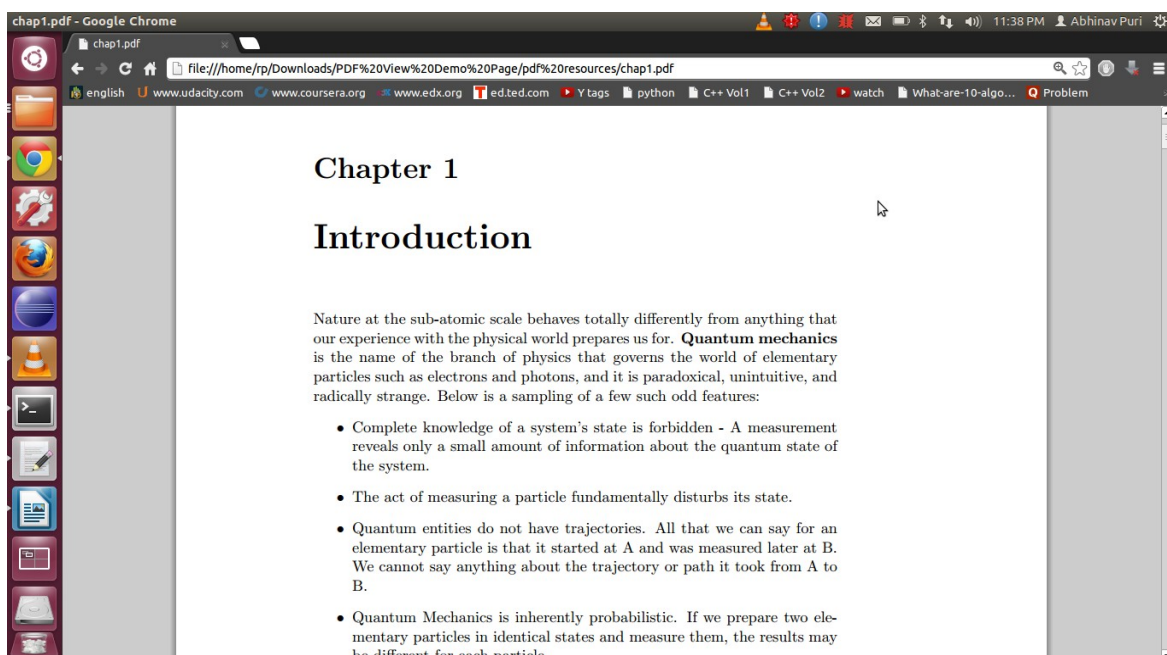
Polling site :



- Tried for conversion of pdf to html and then displaying as done by nptel website, but time problem if conversion done at client level, If conversion is done at server's end then space complexity increases for our server as we need to save two types of data files - one with actual pdf and one with html conversion.
Solution – attempted to use adobe plugin in web html pages, if they exist, and if they don't exist, then it will get downloaded.



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Additional Work & Learning for this Week:

- We had the django session (for 2 hours) in which one of our group mate (Piyush Roshan) presented regarding the django tutorial to help us understand better.
- Database was completed and distributed to all MOOC members.
- Learned python html reponse and request srcipt and try to understand XBlock.
- Learned about open available javascripts and css like Bootstrap.
- Also found out that the yellow mark in the streaming of the video can only be achieved if we advertise our youtube video as the youtube channel owner.