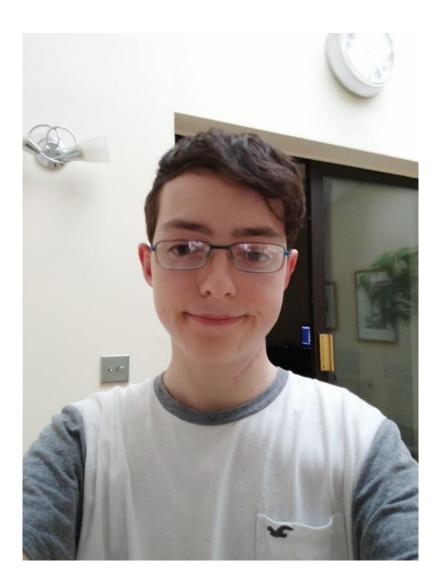Lab Work Week 1

Arthur Coll

1. I have coded in python before and have used to create a script to auto specific forms using data from a website. This cut down time filling in data by a lot for a number of users. I have also made a small text based adventure game with python.
2. I'm interested in artificial intelligence design and research. This seems like a very new interesting and potentially dangerous field In computer science. I'm also very interested in web security and privacy issues.
3. My favourite piece of software is probably the Firefox browser as it tries to provide a free and open web for all, free from intrusive data collection. It's also easy to create plugins for and modify.
4. I wish I had designed google, since it's such an all reaching company, I hope to design something as popular as this in the future.
5. I'm a fan of PC and console gaming. Sources games like Csgo and TF2 are my favourite.
6. I Enjoy classical music.

Tea Preparation Steps

1. Locate water source
2. Locate Cup
3. Insert tea bag into cup
4. Locate kettle
5. Fill Kettle with cold water from tap
6. Flick switch to boil kettle
7. Wait till water in kettle reaches 100c and boils then turn off kettle.
8. Pour boiled water into cup until cup is 3/4 full
9. Remove milk from fridge
10. Remove sugar from cupboard
11. Add Milk to tea cup
12. Add sugar to tea cup
13. Stir Tea
14. Return sugar and milk to their original locations
15. Consume Tea
16. Clean Mug

Light Bulb problem

To determine which lightbulb corresponds to switch you must turn on one bulb by flicking a random switch, following that you wait 10 minutes and activate a second one.

You then enter the room and you touch both of the lightbulbs, the one that is much hotter is the switch you first turned on. You can then determine which switch is which.
This enables you to link the second switch to the colder bulb and the one you didn't turn on to the final switch.