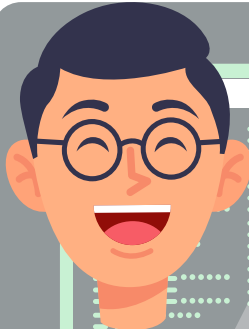


# COMPUTER BOOTING

Arpit Patel : 18110025  
Lovepreet Singh : 18110094



Hey! Ron, Whatsup. Let's play PUBG on your PC.

My PC is getting slower while booting. I wonder how to make it fast.



I don't know either, But can help you to understand how it boots up.

Well, That sounds awesome. Maybe I can figure out how to make it fast after understanding the booting process.





So Ron, You, first Power on your PC and power supply gets powered up.

Harry Com' on don't treat me an ultra noob.




Sorry Ron, Sooo... then Power supply sends a signal to the CPU or brain and says "Hey I am in action now with the proper voltage, can u heat up too". Then CPU wakes up and this lazy guy gives the further checking to another negotiator called BIOS.



BIOS seems to me as the “Real Starter”.

Hold on Bro! Bios just detect different devices attached to your PC by starting different simple drivers


OOh! sorry



Now, BIOS and CMOS are two guys just like us and they communicate with each other about your PC configuration. They make sure your system parts are there where they are supposed to be.



Ok Harry! Is there anything which makes sure that all components are working.



Good Ron! Actually there is a system bus that communicates with all the components after our negotiator(BIOS) sends a signal to the lazy brain(CPU). Now, Video is brought up to your screen by an underestimated guy called POST.



Ooh, Poor Guy POST.

Ron! Now POST reads and writes to your PC Ram. So, PC Ram is .....



Oo Harry! Everyone knows about RAM.



Ok Ron, Now POST hands off the process to the bootstrap loader and it then starts your operating system.





Operating System? Means my lovely Windows 10, don't you?



Ummm! Yes, kind of.



Thank You Harry. I found it very interesting to learn about Computer Booting