

- * file: Problem3_4.java
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- * This file contains my code for questions for the lab
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I want to create a Port Scanner, and there are many reason why I would like to create one. My first interest with computers were with the concept of hacking and breaching other computers. I was in awe with hacktivist groups like anonymous, because they seemed like modern day heroes who were able to do things things that average citizens could not even comprehend. I would like to see a glimpse of the world of hackers and those who practice cyber security. Also I would like to combine my port scanner with an Ip scanner which would allow me to find devices on the same network as me to breach. I would use and IP scanner to scan ports in other computers and tell those around me about their vulnerabilities, and how they could alleviate those issues. I also want to embark on this project, because I want to have a better understanding of what ports are and how they are created and closed. I want to increase my networking knowledge and the perks of learning how to breach other computers(Ethically of course). The problem I want to solve revolves around learning how to distinguish which ports are usually secure and how to handle ports that are not secure. I want to solve the issue of how to enter open ports and what is possible with an open port. I also want to figure out how many ports on a computer is too much. I would also want to see what it means to enter an open port. I also wonder how many ports can any give computer have? Is there a limit or is it limitless? I also want to answer how much memory does ports take from the computer?