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Milestone

My project is a port scanner and so far it only scans the ports on the local computer that is programmed it on. I will continue to work on it so that it can read the ports of other distant IPs. In this short essay I will explain what my code does thus far and how it works. My class is called PortScanner because I am creating a port scanner and it will be easier for anyone to understand my code by looking at the class. Next I created a main class with the args. It goes as follows it starts with a (public static void main(String []args). Next I used a print statement to introduce the user to the code I have developed. It goes as follows it tells the user (Welcome to the Program called port scanner :). Let us get started.). Then I used another print statement which goes as follows (Press enter if you are ready to scan the ports on this computer… Scanning ports are important because it allows us to find vulnerabilities without our computer. Now be patient and watch.) Then I get into the nitty gritty part of my code I start by using a for loop to find all of the possible ports within my operating system. My code goes a little something like this (For (int port = 1; port <= 65535; port++)). This allows me to loop all the ports until it is at the max number of ports. Finally I use a try and catch on my code it goes as following (Socket sock = new Socket(); sock.connect(new InetSocketAddress("localhost", port), 1000 sock.close() System.out.println("Port " +

port + " is open");) then the catch just catches the exception error. That is the nitty gritty of my code but i will be updating soon to have a little more capabilities.

This is how I constructed my UML DIagram any helpful comments will be appreciated.