Python Port Scanner Project

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CS6314: Computer Networks

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October 3, 2024

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The algorithm created for this project relies mainly on attempting a connection using the socket library and its connect() function. The main loop of the program creates a number named “port” and loops through all available port number, 0 through 65535. A socket is then created using the socket.AF\_INET and socket.SOCK\_STREAM as parameters.

The connect function is then used to attempt a connection to the current port number. This uses the loopback, or localhost, IP address of 127.0.0.1 and the current port as parameters. A try-catch block is used to see if the connection worked.

References

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