

Connecting to **Turing**

Turing is a Computer Science server we are going to place all of our work on from here on.

Connect to **turing** as follows:

1. Open 'My Network Places' on the desktop
2. Double click on 'Add Network Places'
3. In the textbox type: `\\turing.cs.pacificu.edu\students` and click next.
4. When you are prompted for a name and password, type in your login name and the password you've been assigned. Click next.
5. When prompted to name this network place, just type in **Turing** in the textbox and click finish.

When you finish with the exercises, remember to log off your computer now as people will have access to your stuff if you forget. They can and have in the past deleted files of people who stayed logged in!!!

Also, after you log off, your files may be erased from the Desktop of the computer you were working on.

So why is this Turing a good name for a server, let's take brief moment and digress...

Turing is named after a fairly famous British computer scientist, physicist and general genius named Alan Turing (1912 - 1954). Turing was successful as a student at King's College, Cambridge University. There he studied mathematics with increasing distinction and was elected a Fellow of the college in 1935. There he originated many of the concepts of mathematical logic. The paper "On Computable Numbers..." (Turing 1936-7) was his first and perhaps greatest triumph. It gave a definition of computation and an absolute limitation on what computation could achieve, which makes it the founding work of modern computer science. It led him to Princeton for more advanced work in logic and other branches of mathematics. He had the opportunity to remain in the United States, but chose to return to Britain in 1938, and was immediately recruited for the British communications war.

From 1939 to 1945 Turing was almost totally engaged in the mastery of the German enciphering machine, Enigma, and other cryptological investigations at now-famous Bletchley Park, the British government's wartime communications headquarters. Turing made a unique and globally significant contribution to the decryption of the Enigma and became a chief wartime scientific expert, with a particular responsibility for reading the German U-boat communications. This bit of history was captured in the movie called Engima.