

## Exercises: Breaking Enigma

- Here is some Enigma ciphertext from near the end of a message.

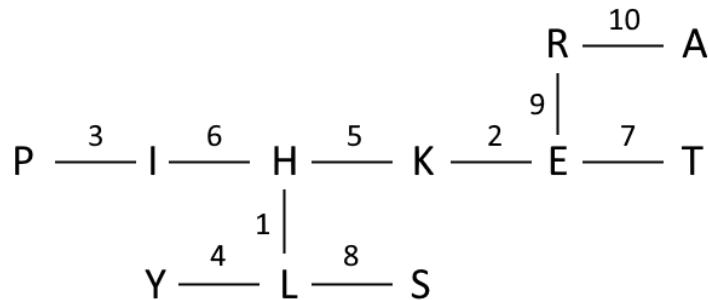
... A E H J L K P Y K H E S R A Y ...

- Sometimes, Enigma messages ended with the phrase ‘HEIL HITLER’.

Can you find where this phrase fits in the ciphertext?

1 2 3 4 5 6 7 8 9 10  
 ... A E H J L K P Y K H E S R A Y ...  
 H E I L H I T L E R

- Draw a menu to be used the Bombe Machine.



- Is this a good menu for breaking Enigma?

This is a not a good menu because it doesn't contain any loops, so is more likely to result in false stops.