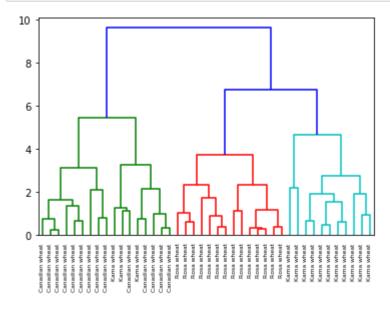
## Exercise 14: Intermediate clusterings - how many clusters?

Consider the dendrogram below - it is the result of your hierarchical clustering of some of the grain samples.

**Question:** If the hierarchical clustering were stopped at height 6 on the dendrogram, how many clusters would there be?

Hint: Imagine a horizontal line at this height.



Answer: 3