1. Design an DFSA to recognize two different identifiers:
   * Integers start with letter and continue with letter and digits but must end with digit
   * Floats start with letter and continue with letters and digits but must end with letter
2. Design a DFSA to recognize an identifier (start with letter and continue with any number of letters and digits), or the while keyword, or the when keyword.

For both, start by listing the alphabet, then the tokens, then the design as a graph.