



4.) Write a `switch` which will pattern match on a variable named `list`, and do one of the following:

- If the list starts with a 2, return 0
- If the list starts with a 3, followed by a 4, return 1
- For any other non-empty list, return the value of the first element
- If the list is empty, return -1

5.) Write a function named `length` which takes a list as a parameter, and recursively computes the length of the given list.