QUESTION 2

Step 1: Start

Step 3: Open file to read

Step 4: check if file is empty

Step 4: if file is empty, Display “This file is empty”, end program, else go to step 5.

Step 5: Read first line of file as Testcases

Step 6: Create a for loop to run Testcases number of times

Step 7: read the next lines of code and store as a string.

Step 8: create a loop to run through the length of the string.

Step 9: Then store the value of the strings as an integer in a variable

Step 9: create another loop to run through the length of string

Step 10: If count is not equal to the value of the index in the string , print out not self-describing”

Step 11: If count is equal to the value of the index in the string , print out self-describing”

Step 12: End