NAME: CHRIS-OEH TOBECHUKWU OREOLUWA

MATRIC NO; 222470

QUESTION 1

Step 1 START

Step 2 Open file to read

Step 3 Check if file is empty

Step 4 if file is empty display “file is empty”

Step 5 Declare variables

Step 6 Read file to get the number of times the code would run

Step 7 for loop to run N number of times

Step 8 Read next line in file to know the number of files checking

Step 9 Read the next line of code that contains the first filename

Step 10 for loop to run n number of times to compare all filenames with first filename

Step 11 While loop to check for the difference in the filename

Step 12 Create for loop to delete duplicate file

Step 13 Create for loop to compare the values in filename

Step 14 if file name is equal to the lowest file name keep file

Step 15 Else delete the file

Step 16 Stop

QUESTION 2

Step 1: Start

Step 2: Declare functions

Step 3: Open file to read

Step 4: check if file is empty

Step 4: if file is empty, Display “This file is empty”

Step 5: Read first line of file as N

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

Step 7: declare variables

Step 8: Read next lines of file to check the numbers

Step 9: Check if file is a self-describing number

Step 10: If number is not self-describing, Display “Not self-describing”

Step 11: If number is self-describing, Display “Self Describing”

Step 12: End