main()
Runs program and calls
the functions.

load_penguins(csv)
Load the penguins.csv file
Read the csv file into a pandas dataframe

Input: penguins.csv file
Output: dataframe with all columns

avg_body_mass(species,sex, body mass)
- Group data by species and sex
- Calculate average body mass for each group

Input: penguins.csv file
Output: table of averages

Df_clean
Create a clean data frame
containing flipper length, bill length,
and island
Input: penguins.csv
Output: clean dataframe

correlation_by_island(island,flipper,bill)
Calculate the correlation coefficient between bill length and
flipper length for each island
Input: dataframe of island, flipper length, and bill length
Output: dictionary of correlation coefficients

generate_report(correlation_by_island, avg_body_mass)
Displays the correlation coefficient of flipper length, bill length
between islands, and the average body mass for each species
and sex.
Input: correlation_by_island(dict), and avg_body_mass(table)
Output: txt file