```
BEGIN

        FUNCTION for separator

                PASS IN nothing

                DISPLAY "*" 50 times

        ENDFUNCTION


        FUNCTION for checking valid values

                PASS IN prompt

                PASS IN valid_values

                SET answer = INPUT(prompt)

                LOOP WHILE answer not in valid_values

                        DISPLAY "That is not a valid option."

                        SET answer

                PASS OUT answer

        ENDFUNCTION


        CALL separator


        DISPLAY "Welcome Message"


        DISPLAY separator


        SET name = INPUT "What is your name?"

        DISPLAY "Hello", name


        SET total_carbon_footprint = 0


        CALL separator


        SET transportation = get_input
```

DISPLAY two Parameters, prompt and valid_values

SET prompt = "How do you get to school? (Enter 1 for walk, 2 for bike, 3 for car, 4 for bus, 5 carpool)"

SET valid_values to an ARRAY with "1","2","3","4","5"

IF transportation IS = TO 1

DISPLAY "Good job, you are reducing your carbon footprint and getting exercise."

ELIF transportation IS = TO 2

DISPLAY "Good job, you are reducing your carbon footprint and getting exercise."

ELIF transportation IS = TO 3

DISPLAY "Not great but maybe next time try carpooling or a bike, you have added 1115 to your carbon footprint."

SET total_carbon_footprint TO total_carbon_footprint + 1115

ELIF transportation IS = TO 4

DISPLAY "Did you know buses do use a lot of gas."

SET total_carbon_footprint TO total_carbon_footprint + 131

ELIF transportation IS = TO 5

DISPLAY "A carpool is better than a car on your own but it still adds 459 to your carbon footprint."

SET total_carbon_footprint TO total_carbon_footprint + 459

ENDIF

CALL separator

DISPLAY "Your total carbon footprint is total_carbon_footprint"

DISPLAY "What changes can you make in your life to reduce your carbon footprint? Try to make some of these changes in the next week and come back and play the game again."

CALL separator

END