Project Title
Rainwater and Growth of Indoor Plants.

Research Question:
Would Rainwater aid in plant' better growth

Hypothesis:If I water my indoor plants with rainwater, then~~than~~ my plants will have better~~have a better~~ growth.

Experimental Design
Variables:

• controlled/dependent variables:Indoor plants

• manipulated/independent variables:rainwater

Observations:growth check every week. Measure the length of the plant as well as the health of the plant. Are there any leaves wilting? Is the plant dying?

Data:give 2 oz of rainwater every week and keep measuring every two weeks for the growth.

Chart/Graph:My graph shows the details about my experiment.

Week	Rainwater	Tap water
2	½ inch	¼ inch
4	¼ inch	no growth
6	¼ inch	¼ inch
8	¼ inch	no growth

Materials List: two plants with same soil.(One for independent variable , one for control group) Measuring tape, collected rainwater, and tapwater.

Procedure: For this experiment you will need rainwater that you can collect in a deep bowl when it rains. After that you will need two plants given the same soil,same temperature.

Results:The results was the better growth of the plant given the collected rainwater.The plants given tap water did not show much growth comparedcompare to plants given the rainwater.

Conclusion:The rainwater **contains** dissolved gases (oxides of carbon, nitrogen and sulphur) which result in pH values, which could be beneficial for the plant growth. In this experiment where we gave rainwater to indoor plants for eight weeks.Which resulted in more than 1 inch growth in plants comparing to the plants that were given the tap water. They only grew half inch.