

P1 Proposal: Meteorite Catcher

Brief Project Description:

The Meteorite Catcher app helps users to quickly search through and list known meteorites by their mass. The app makes use of a Red-Black Tree to efficiently insert the meteorite data and retrieve it in a sorted manner. The data is loaded from a local data file that the user specifies.

Representative Tasks Performed Using this Application:

1. Find the meteorite with the highest mass in the data set.
2. Search for and list all meteorites between 503-504 grams of weight.

Dataset:

For this app you will work with this [NASA meteorite dataset from kaggle](#).