

Coding Challenge:

Write a Code for Image Requests that allows users to simply input their choices.

There are two levels of this challenge:

A) The first level is to add input statements:

1. You will need input statements for the user to enter::
 - a. Telescope
 - b. RA
 - c. Dec
 - d. Filter
 - e. Number of exposures
 - f. Length of exposures
 - g. Max Sun elevation
 - h. Min elevation
2. You need to figure out if they are text, number or integer variables. Which ones do you need to “cast”? Be careful in this!
3. Also decide if you want any output statements to check the inputs.
4. Once you have a successful build, you need to check your list of Skynet observations to see if it went through. If it didn't, you will need to **debug** your script. Try changing one statement at a time from the original code.

B) The second level of this challenge - much harder:

5. The values that are inputs need restraints. How could you do that?
 - a. You will need to decide what range of values each input can have, for example, would you want 300 exposures?
 - i. Do you need any restraints on the telescopes used?
 - ii. The same is true for all your inputs - check for restraints.
 - iii. ALSO - what if they leave something blank?
 - b. You will need a repeat statement. There are several types - figure out which will help you the most: This link is for the tutorial about “repeats” on the Quorum site:
 - i. <https://quorumlanguage.com/tutorials/language/repeat.html>
6. Could you add an output statement to say if the request went through? (there are several levels to this - just try a basic level of output)
7. Have others try your code!



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