Dataset

Not Required

Background

This assignment focuses on visual programming (sometimes called block programming). Refer https://developers.google.com/blockly for clarity.

The above requires an exceptionally high degree of passion for coding and demands practical clarity on programming concepts.

Problem

There are two parts:

1. You are required to convert C++ code at [http://www.techiedelight.com/coin-change-making-problem-unlimited-supply-coins] to Python and save as coins.py. Test converted code and validate.

2. You are required to design blocks (on paper or paint) following
    a. blockly OR
    b. other way OR
    c. your way

    The blocks created once executed must be able to produce code coins.py (or equivalent)
    (Hint: You can stick to functional programming paradigm on Python)

Submission

You are required to submit following and further demonstrate online end---to---end solution.

1. coins.py (working code)
2. Blocks flow
3. Explanation on how item#2 shall generate item#1

Evaluation

You shall be scored on the following:

1. Width
2. Depth
3. Accuracy
4. Approach
5. Practicality