

Objective Definition:

1. Take user input for size and sand character
2. Check and validate user input
3. Create a for loop and Print the top part of the hourglass
4. Print the bottom part of the hourglass
5. create a butterfly pattern
6. Print the top part of the butterfly
7. Print the bottom part of the butterfly

Test Cases:

1. Sand_size
2. sand_char

Followup Questions:

1. Almost 3 hrs
2. Yes.
3. I went through the slides and googled to determine the hourglass shape printing
4. Using for loop in an advanced way
5. For the mathematical part I took some help