***Javascript Assignment 4***

1. *This assignment will help you interpret mathematical relationships both algebraically and geometrically.*

*Create a function that takes a number (step) as an argument and returns the number of matchsticks in that step. See step 1, 2 and 3 in the image above. Take input from the user in the function parameter and return the output using the return statement.*

*examples-*

*matchHouses(1) ➞ 6*

*matchHouses(4) ➞ 21*

*matchHouses(87) ➞ 436*

*function matchHouses(step) {*

*if (step <= 0) {*

*return 0;*

*}*

*return 5 \* step + 1;*

*}*