

hw 6

Understanding the Problem:

calculates the value of the given equation to see if the number is prime or not.

developing an approach:

1st function calculates

2nd function puts values into a new list and returns new value that was put into the list

3rd function checks if the number is prime or not

Test approach by hand:

(Separately uploaded)

Code it in words:

First I will make a function which calculates the equation $x^2 - x + 41$ and returns the result.

Second function will create a new list using a while loop and returning the array value.

Third function will check if the value is prime by running through a while loop returning False if it is not prime and True if it is prime.

Fourth step will run through if and else statements to print if the number is prime or not prime.