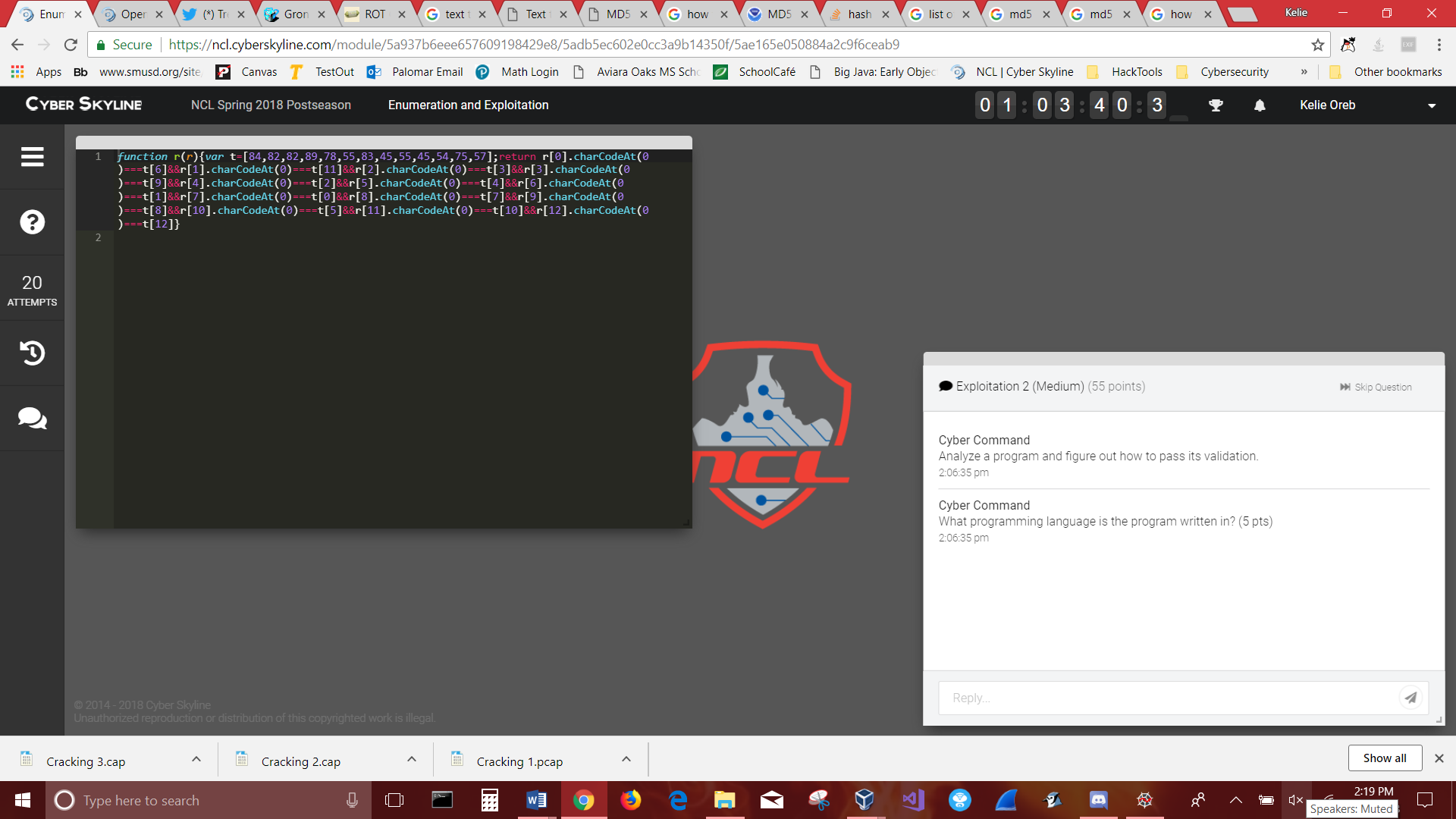
Enumeration and Exploitation 2 Medium

Analyze a program and figure out how to pass its validation.

function r(r){var t=[84,82,82,89,78,55,83,45,55,45,54,75,57];return r[0].charCodeAt(0)===t[6]&&r[1].charCodeAt(0)===t[11]&&r[2].charCodeAt(0)===t[3]&&r[3].charCodeAt(0)===t[9]&&r[4].charCodeAt(0)===t[2]&&r[5].charCodeAt(0)===t[4]&&r[6].charCodeAt(0)===t[1]&&r[7].charCodeAt(0)===t[0]&&r[8].charCodeAt(0)===t[7]&&r[9].charCodeAt(0)===t[8]&&r[10].charCodeAt(0)===t[5]&&r[11].charCodeAt(0)===t[10]&&r[12].charCodeAt(0)===t[12]}

What programming language is the program written in? (5 pts) JavaScript (===)

What flag will successfully verify against the program?



Code:

function r(r)

{

var t=[84,82,82,89,78,55,83,45,55,45,54,75,57];return r[0].charCodeAt(0)===t[6]&&r[1].charCodeAt(0)===t[11]&&r[2].charCodeAt(0)===t[3]&&r[3].charCodeAt(0)===t[9]&&r[4].charCodeAt(0)===t[2]&&r[5].charCodeAt(0)===t[4]&&r[6].charCodeAt(0)===t[1]&&r[7].charCodeAt(0)===t[0]&&r[8].charCodeAt(0)===t[7]&&r[9].charCodeAt(0)===t[8]&&r[10].charCodeAt(0)===t[5]&&r[11].charCodeAt(0)===t[10]&&r[12].charCodeAt(0)===t[12]}

charCodeAt() lookup at - <https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/String/charCodeAt>

Return value is UTF-16

UTF-16 table at <https://asecuritysite.com/coding/asc2>

Numbers between 0 and 255

Decimal Index

84,82,82,89,78,55,83,45,55,45,54,75,57

T,R,R,Y,N,7,S,-,7,-,6,K,9

R(0) == t(6) = S

R(1) == t(11) = K

R(2) == t(3) = Y

R(3) == t(9) = -

R(4) == t(2) = R

R(5) == t(4) = N

R(6) == t(1) = R

R(7) == t(0) = T

R(8) == t(7) = -

R(9) == t(8) = 7

R(10) == t(5) = 7

R(11) == t(10) = 6

R(12) == t(12) = 9

