

CS10B Practice Coding Problem

January 6-7, 2021

1 Multiple Return Values Without PBR

This practice problem will use everything learned in Chapter 1 and CS10A

Problem:

- Create a function:
 - Ask the user for 8 values
 - Return every value as a **boolean** that will be TRUE if the value is even, FALSE when it's odd
- Output every value's corresponding boolean
- Output "All even" if every value is even and nothing otherwise

Optimization Notes:

- Try to keep any printing out of the functions (i.e. cout)
- Try to keep all functionality inside their functions.
- Try to keep the number of lines (of code) in main() below 13
- Try to use only 2 functions

Notes:

- For the function:
 - How might you return multiple values from a function WITHOUT using a pass by reference?
- This problem can be done with just the things you've learned so far with functions and vectors. Try putting them together in different ways and see the results.

You may tackle this problem however you want, but try your best to meet the optimization notes