

ELEG 1043

Computer Applications in Engineering



Homework Assignment 5

- **EXERCISES 10.2**

1. (Practice) Replace each of the following references to a subscripted variable with a pointer reference:

a. `prices[5]`

d. `dist[9]`

g. `celsius[16]`

b. `grades[2]`

e. `mile[0]`

h. `num[50]`

c. `yield[10]`

f. `temp[20]`

i. `time[12]`

2. (Practice) Replace each of the following pointer references with a subscript reference:

a. `*(message + 6)`

c. `*(yrs + 10)`

e. `*(rates + 15)`

b. `*amount`

d. `*(stocks + 2)`

f. `*(codes + 19)`

4. (Program) Write a declaration to store the following values in an array named `rates`: 12.9, 18.6, 11.4, 13.7, 9.5, 15.2, and 17.6. Include the declaration in a program that displays the values in the array by using pointer notation.

Due: 11/11/2018