HW 8

Variables and Constants

Name: _____ Time spent: _____min

1) Choose the best type of variable for each of the following, select a meaningful name and write a declaration for each.
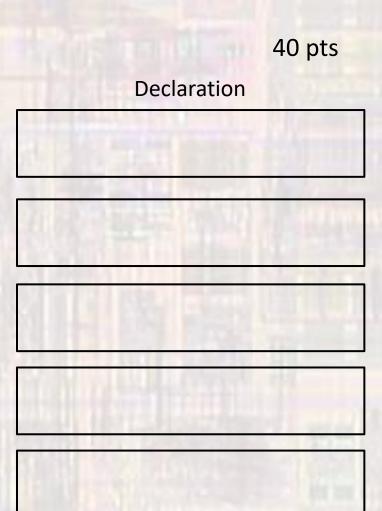
(bool, char, int, float, float complex)   40 pts

Declaration

# of cars in MSOE garage

average temperature in March

indicates the garage is full or not

rectangular coordinates on the complex unit circle

middle initial

2) Carefully review the digits in the ascii chart. Create an equation to add 2 ascii digits together and return the correct ascii value   50 pts

You can assume the sum is < 10

3) Briefly describe the difference between   10 pts

#define PI 3.14159

And

const int pi 3.14159;