

EE 1910

Dr. Johnson

Homework 4

1 – Choose the best type of variable for each of the following and select a meaningful name and write a declaration for each.

(bool, char, int, float, float complex)

50pts

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 – Choose the best type of variable for each of the following, select a meaningful name and write a declaration for each.

(int8_t, uint8_t, int16_t, uint16_t, int32_t, uint32_t)

50 pts

number of students at MSOE

distance from earth to moon

of skittles in a small bag

net number of students leaving the CC building
in a 10 minute time period

age difference between two siblings