Assignment for Lecture 5

Checkpoint 9.8

A) **Valid**. An integer ivar is declared and then a pointer to an integer iptr is declared and initialized with the address of ivar.

B) **Valid**. An integer ivar and a pointer to an integer iptr are declared in the same line. iptr is initialized with the address of ivar.

C) **Invalid**. A float fvar is declared and then a pointer to an integer iptr is attempted to be initialized with the address of fvar. This is invalid because iptr is a pointer to an integer, not a float.

D) **Valid**. An array of integers nums is declared and then a pointer to an integer iptr is declared and initialized with the address of the first element in the array nums.

E) **Invalid**. A pointer to an integer iptr is attempted to be initialized with the address of ivar, but at this point, ivar has not been declared yet. The variable ivar is declared in the next line, but that’s too late.