

CSE 484 In-Class Worksheet #7 – Autumn 2018

Name: _____ UWNNetID: _____ Date: _____

Email address: _____

Partner names for this activity: _____

Will you want to pick up your worksheet later? Circle one: Yes / No

Q1: What issues, if any, do you see with the following code for password comparisons?

**// The following is the functional description of the code -- what it should do
PwdCheck(RealPwd, CandidatePwd) should:**

Return TRUE if RealPwd matches CandidatePwd

Return FALSE otherwise

RealPwd and CandidatePwd are both 8 characters long

// The following is the implementation, like on the TENEX system

PwdCheck(RealPwd, CandidatePwd) // both 8 chars

for i = 1 to 8 do

if (RealPwd[i] != CandidatePwd[i]) then

return FALSE

return TRUE

Q2: Suppose companies A, B, and C all have a vulnerability, but have not made the existence of that vulnerability public. Now suppose:

- Company A has a software update prepared and ready to go that, once shipped, will fix the vulnerability; but B and C are still working on developing a patch for the vulnerability.
- Company A learns that attackers are exploiting this vulnerability in the wild.

Some might argue that Company A should release their patch, even if doing so means that the vulnerability now becomes public and other actors can start exploiting Companies B and C.

Some might argue that Company A should wait until Companies B and C have patches.

If you were Company A, what would you do, and why?

Q3: WE WON'T SOLVE THIS DURING CLASS, BUT:

URER VF N FVZCYR PVCURE. VG VF ABG IREL FRPHER, VF VG? PELCGB CHMMYRF
PNA OR SHA :)