Name:		UWNetID:	Date:
Email address:			
Partner names for th	is activity:		
Will you want to pick	up your worksh	eet later? Circle one: Yes	s / No
int openfi stru if (ile(char *pat ct stat s; stat(path, & return -1; !S_ISRREG(s.	(s) < 0)	
retu	rn open(path	, O_RDONLY);	
}			
Can you spot any po	tential problems	s?	
Q2: Consider this co			
char buf[8			
void vulne			
	_	<pre>.nt_from_network(); string_from_network</pre>	() .
	len > sizeof		(),
II (.		gth too large, nice	trv!"):
	return;	gen coo rarge, mree	. CI . , ,
}	,		
memc	py(buf, p, 1	.en);	
}		• •	
And note the following	ng definitions:		
	•	t, const void * sro	;, size_t n);
typedef ur	nsigned int s	size_t;	_

Can you spot any potential problems?

```
Q3: Consider this code:
        size t len = read int from network();
        char *buf;
        buf = malloc(len+5);
        read(fd, buf, len);
Can you spot any potential problems?
Q4: What issues, if any, do you see with the following code for password comparisons?
     // The following is the functional description of the code,
     // i.e., 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