Attack plan

The idea is exploit the overflow in gets() to write a G character in the permtd array. This will allow the attacker to pass an arbitrary pattern to grep and thus read the flag, e.g., by passing the . wildcard, or some string known to be contained in the flag (e.g., SNH).

For example, we can overflow **buffer** with the following:

+++	
G S N H \0 x x x	buffer
++	
the canary	canary
++++++++++++++++++++++++	
G	permtd
++++++++	