COMP435 In-Class Practice 11/6/26 Name: _____

Question 1: Buffer Overflow Attack Use the following figure to answer the questions below.

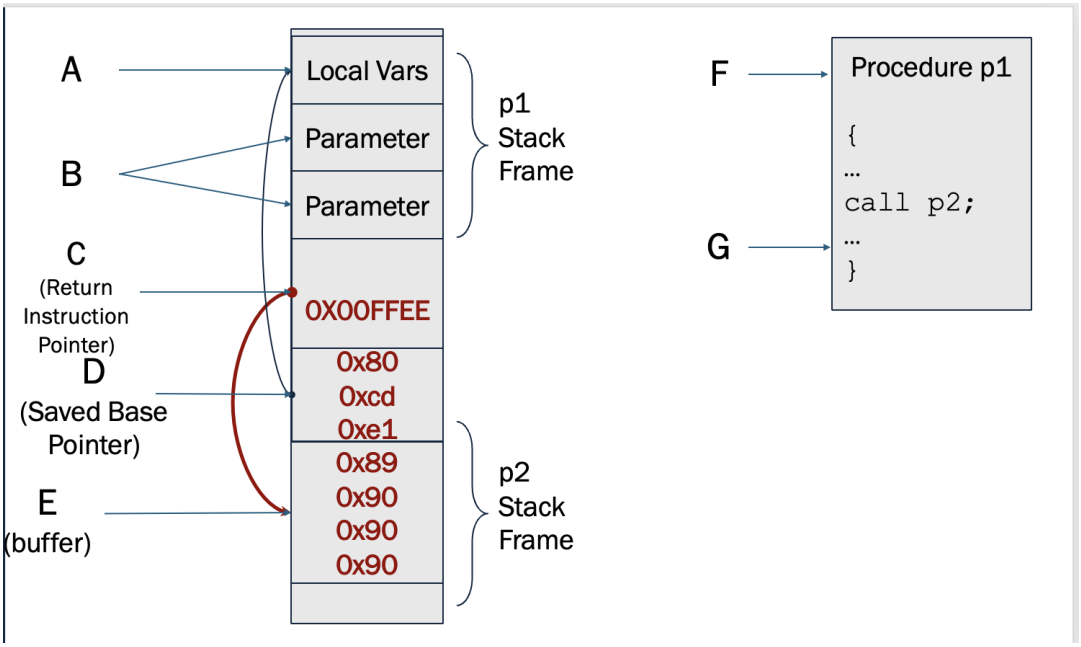


Figure 1: Buffer Overflow Attack

1.1. Where does execution jump to after p2 completes?

1.2. Where would a canary be?

1.3. In the absence of an attack, where does the address stored at (RIP) point to?

1.4. which has a higher (larger) memory address, A or E?

1.5. The vulnerable code is in p1 or p2?

1.6. Where is the attacker's injected executable?