Guru sai charan.D
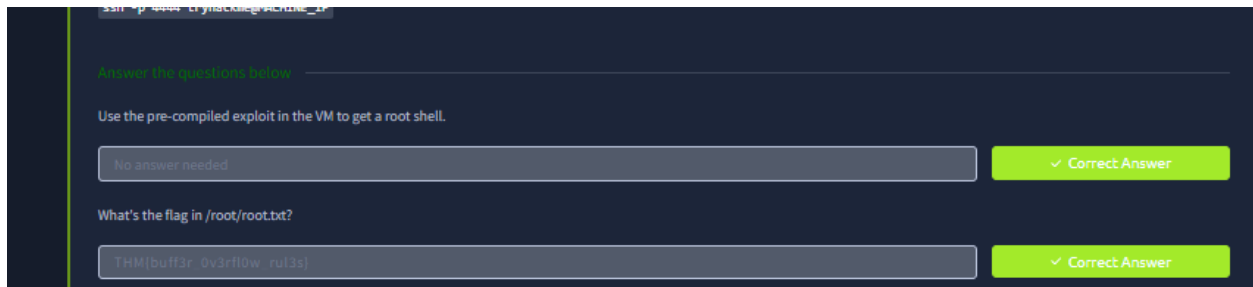**231901037**

EXERCISE 5A
Stack based buffer overflow attacks

AIM:

To explore and analyze CVE-2019-18634, a buffer overflow vulnerability in the Unix Sudo program, and understand its exploitation and mitigation.

RESULT:

The vulnerability was successfully analyzed, demonstrating potential privilege escalation. Mitigation measures, including updating Sudo to version 1.8.31 or later, were recommended to prevent exploitation.