

## DAY 4 TASK 4

### Password Security & Authentication Analysis

TOOLS COVERED :

JOHN THE RIPPER

LEARNING :

USED COMMON HASH TYPES LIKE MD5,SHA-1,SHA-256 TO HASH  
PASSWORDS

PERFORMED DICTIONARY BASED PASSWORD CRACKING USING JOHN  
OBSERVED HOW WEAK PASSWORDS CAN BE CRACKED USING BRUTE  
FORCE OR DICTIONARY

LEARNED THE METHOD OF USING WORDLISTS AND ATTACK  
METHODS ON PASSWORD SECURITY

LEARNED ABOUT MULTI FACTOR AUTHENTICATION (MFA)

GENERATED BCRYPT HASHES