Ex. No.: 2   **Date:19.08.2025**

CRACK THE HASHES

Aim:

To install and crack the hashed passwords using John-the-Ripper tool in Kali Linux.

Algorithm:

1.Install John-the-Ripper on your system using sudo apt install john

2.Prepare the hash file hashes.txt that is to be cracked.

3.Run John-the-Ripper specifying the path to the wordlist.txt and hashes.txt

4.Monitor the cracking process using status option in another terminal

```
0g 0:00:00:01  0g/s 0p/s 0c/s 0C/s
root@ip-10-10-233-209:~# john --status
0g 0:00:00:01  3/3 0g/s 71632p/s 71632c/s 143264C/s
```

Result:

Thus, successfully installed John-the-Ripper tool and cracked the password hashes.