**DAY 40**

**Parameter tampering/parameter pollution vulnerability:**

Consider,

Rs.9000/-

-https://ecom.com/buy.php?cartid=200&itemid=132&amt=9000.00

Intercepted in burpsuit proxy:

Amt=9000

Amt=2.00

Parameter manipulated http request is forwarded to the server.

If the server doesn’t validate/compare the amount in the parameter with the actual amount and proceed to payment then the amount payable will be just rs.2/-

This will cause financial loss.

If the parameter values are modified and the server doesn’t validate/compare the actual values and proceed with fake values leads to this vulnerability.

hackerone.com/reports/141090

209008

927661

388564

Impact of parameter tampering:

1. Account takeover

2. Enumeration of other user’s private data.

3. Sensitive data leakage/disclosure

4. Privilege escalation

5. Financial loss

6. Violation of privacy policy.

7. Violation of secure design principles.