

Task 9 : Web Vulnerability Testing Using OWASP Juice Shop

Objective: Find and report common web security issues in a vulnerable app (OWASP Juice Shop).

Tools : OWASP Juice Shop, Burp Suite, Kali Linux (optional), Browser Dev Tools

Deliverables: PDF Report with screenshots, README on tools used, GitHub/Drive folder link (optional)

Hints/Mini Guide:

- Try entering ' OR '1'='1 in login fields
- Try `<script>alert("XSS")</script>` in comments

Outcome: Learn to detect and report critical web vulnerabilities.

Interview Questions:

1. What is OWASP Top 10?
2. What is SQL injection?
3. What is XSS and how does it work?
4. What is input sanitization?
5. What tools help test web app security?
6. What is the difference between passive and active attacks?
7. How can login forms be made secure?
8. What is HTTPS and why is it important?
9. What are security headers?
10. How do you report vulnerabilities responsibly?

Key Concepts: OWASP Top 10, SQLi, XSS, Insecure Authentication

🌟 Task Submission Guidelines

🕒 Time Window:

You've got a 12-hour window—from 10:00 AM to 10:00 PM—to give your best. It's your time to shine. But remember, once the clock hits 10:00 PM, submissions close.

🔍 Self-Research Allowed:

You're not alone—but we believe in your ability to explore and grow. Feel free to use Google, YouTube, or any learning resource. Learning how to learn is your biggest strength.

🔧 Debug Yourself:

Mistakes? Perfect. That's how real learning happens. Try solving issues on your own—it'll build your confidence and sharpen your problem-solving skills for the future.

💰 No Paid Tools:

We value learning over luxury. If any task points to a paid tool, skip it. Don't spend a single rupee. Just search for free, open-source options—we promise, it's part of the real-world hustle.

📁 GitHub Submission:

For each task, start fresh. Create a new GitHub repo.

Upload everything you used—your code, dataset, screenshots (if any), and a short README.md. That README is your story—tell us what you built, why, and how.

✉️ Submission:

When you're done and proud of what you've built, drop your GitHub repo link through the submission form. Let your work speak for you.

