**Student Name:** **Weight: \_\_\_2.0\_\_\_\_\_%**

**Student ID:** **Marks: \_\_\_\_\_\_\_\_\_\_**

Lab 5: Penetration Testing Tools

# Part 1: WHATWEB

* Use whatweb command for carrying the following tasks on the website <http://testfire.net> :
  + What is the IP address of the website.
  + Which webserver is being used for hosting the website ?
  + Paste a screenshot of any 10 plugins.
  + Make a report using –log-verbose switch. Name the report after your name. Attach screenshots of whole report.

# Part 2: SQLMAP

* Using sqlmap pull up the following information :
  + How many databases are there in testphp.vulnweb.com website.
  + Pull up the data from the database information\_schema.
  + Pull info about the columns of the table TABLE in the database information\_schema.

# Part 3: DIRB

* Can you hunt for number of php pages in <http://testphp.vulnweb.com>
* Ignore page 403 and paste a screenshot of the count of pages.

# Part 4: ACTIVE DIRECTORY

* Create an active directory in windows server 2022.
* Set Administrator’s password as “worldsapart”.
* Capture Hash using responder.
* Crack the password using hashcat and the wordlist : /usr/share/wordlists/rockyou.txt