

## FORMAT 4

## Student's Daily Log Book

|   |                    |
|---|--------------------|
| Day-  | Date: 04/03/2023   |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

constraints :-

It's a Rule to be Apply On the column of  
the Table

Types:-

- 1} Primary key      3} Unique      5} informational
- 2} Foreign key      4} check      6} NOT NULL

languages:-

1. DDL (Data Definition language)  
Create, alter, Drop, Truncate, Rename
2. DML (Data Manipulation language)  
Insert, Update, Delete, Merge
3. DRL (Data Retrieval language)  
Select.
4. TCL (Transaction Control language)  
Commit, Rollback, Savepoint.

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5. DCL (Data Control language)  
Grant, Revoke

Query:

① Create table chktest (test\_no number(5),  
testname varchar2(20),  
tdate date,  
tresult varchar2(10));

Desc chktest

Insert into chktest values (1101, 'Java', '12-dec-2021', 'pass');  
Insert into chktest values (1102, 'Oracle', '12-dec-2021', 'pass');

Select \* from chktest;

Commit;

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insert \* into chkttest values (1103,'Oracle','12-dec-2021','Pass');  
1 row created.

Select \* from chkttest;

Delete from chkttest;

3 rows deleted

Select \* from chkttest;

no rows selected

roll back;

rollback complete

Select \* from chkttest;

delete from chkttest where test-no = 1101;

1 row Deleted

Select \* from chkttest;

roll back;

Select \* from chkttest;

Create table chkttest-copy as Select \* from chkttest;

Table Created

Select \* from chkttest-copy;

Drop table chkttest;

Table Dropped.

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Record Main actives of the day (including observation, sketches, discussions, etc)

② Select Constraint-name, constraint-type & from  
 USer-Constraints where table-name = 'CHKEMP';  
 Select Constraint-name, constraint-type, Search-Condition & from USer-Constraints where table-name =  
 'CHKEMP';

Create table chkdpt(Dept no Number (4) Primarykey,  
 dname Varchar(20));

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③ Create table chkemp Empno Number(11) primary key,  
name Vauchan&(20) not null,  
esal number (6) check (esal > 19000), Deptno Number(11)  
Reference checkdept (DeptNo),  
Nullid Vauchan&(20) Unique);

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|   |                    |
|---|--------------------|
| Day-  | Date: 08/03/2023   |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

Alter Demo family :-

-- it is Single Line Comment.

- 1) add New columns for the table alter table chkaltdemo add (esal number(1), mblno number(5));
- 2) To change teh Data type size  
alter table chkaltdemo Modify (mblno number(10));
- 3) To change the Data type  
alter table chkaltdemo Modify (mblno varchar(20));
- 4) To Rename the column  
alter Table chkaltdemo Rename column fno to Empno;

- 5) To Drop the column

alter table chkaltdemo drop column mblno;

Rename chkaltdemo to chkaltdemo New;

desc chkaltdemo

desc chkaltdemonew.

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## Using function in Sql :-

1. Single row function
2. Multiple row function

### Single Row function :-

#### 1) case Manipulation function

lower(), upper(), initcap(), ...

#### 2) character function

length(), Replace(), Trim(), Concat(), Substr(), Rptre(), ..

#### 3) Date function

Sydate, add\_months(), next\_day(), last\_day(), Months-Between, .. . . .

#### 4) Number function

Round(), Trunc(), Mod(), ...

#### 5) General function

nvl, nvl2(), case, Decode

### Multiple Row function :-

Select Max(esal) from Sdmlldemo;

Select Max(esal), Min(esal), avg(esal), sum(esal) from Sdmlldemo;

Select count(\*) from Sdmlldemo;

Select count(\*) deptno from Sdmlldemo  
Group by deptno

Having Count(\*) > 2;

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Record Main actives of the day (including observation, sketches, discussions, etc)

Query:

- ① Select Sysdate from dual;
- SYSDATE
- 08-MAR-23
- ② Select Sysdate+2 from dual;
- SYSDATE+2
- 10-MAR-23
- ③ Select lower ('ORACAL') from dual;
- LOWER
- Oracal
- ④ Select Upper ('oracal') from dual;
- UPPER
- ORACAL

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⑤ Select INITCAP ('happy women's day') from dual;

INITCAP ('HAPPY WO

Happy Women's Day

⑥ Select LENGTH ('chickballapur nandibetta') from dual;

LENGTH ('CHICKBALLAPUR NANDIBETTA')

⑦ Select CONCAT('poornima', 'Monika')<sup>24</sup> from dual;

CONCAT ('POORN

PoornimaMonika

⑧ Select REPLACE('KIT', 'K', 'I') from dual;

REP ('K'

KIT

⑨ Select TRIM ('h' from 'h h h k k k l l l m m m h h h h') from dual;

TRIM ('h'

KKK l l l m m

⑩ Select SUBSTR ('helloworld', 6,3) from dual;

SUB

world

⑪ Select INSTR ('goodwoodhoodhooodoooooo', 'o', 1, 10)  
from dual;

INSTR ('goodwoodhoodhooodoooooo', 'o', 1, 10)

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Name of the Supervisor With designation and email ID:

Remarks of the Training supervisor:

Record Main actives of the day (including observation, sketches, discussions, etc)

Create table Sdmldemo2 (Empno Number(7),  
 Ename Varchars(40),  
 esal Number(5),  
 deptno Number(4),  
 hdate date);

Insert into Sdmldemo2 values(1001,'poornima',56000,  
 10, '18-Aug-2004');

Insert into Sdmldemo2 values(1002,'Monika',52000,  
 10, '09-Nov-2004');

Insert into Sdmldemo2 values (1003,'chandana',46000  
 20, '12-Sep-2004');

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Insert into Sdmldemo2 values (1004, 'Bindu', 90000, 40,  
'14-Sep-2002');

Insert into Sdmldemo2 values (1005, 'Lakshmi', 2000, 50,  
'28-Apr-2004');

Insert into Sdmldemo2 values (1006, 'Naresh', 25000, 50,  
'28-Aug-2004');

Insert into Sdmldemo2 values (1007, 'Indu', 3000, 40, '19-Sep  
2004);

desc Sdmldemo2;

Select \* from Sdmldemo2;

MAX(ESAL)

56000

Select Max(esal), Min(esal), Avg(esal), Sum(esal) from dual;

MAX(CESAL) MIN(CESAL) AVG(CESAL) SUM(CESAL)

56000 3000 25000 40,400

Select Count(\*) from Sdmldemo2;

Count(\*)  
---

Select Count(\*), deptno, from Sdmldemo2 Count(\*) DEPTNO  
group by deptno;

2 10  
1 20  
2 40  
2 50

Select count(\*), deptno from Sdmldemo2  
group by deptno,

having count(\*) > 2;

| Count(*) | DEPTNO |
|----------|--------|
| 2        | 10     |
| 2        | 40     |
| 2        | 50     |

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| Day-  | Date: 13/03/2023   |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

JOINS: join is used to fetch the data from the Multiple Tables

Types of joins:

1. physical join
2. Logical join

If Physical Join: Creating primary key & foreign key.

If Logical Join: Oracle joins:-

- \* Equi join | Simple join | inner join.
- \* non Equi join.
- \* Outer join
- \* Self join.

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ANSI Std 1999 Joins :-

- \* Cross Join
- \* Natural Join
- \* Join On
- \* Join Using
- \* left Outer Join
- \* Right Outer Join
- \* full Outer Join

Joins :-

- ① Select dname, ename from jdept, jemp;
- ② Select ename, bsal, dname from jemp, jdept  
where jemp.dept no = jdept.deptno;
- ③ Select ename, esal, jemp.deptno, dname, jdept.deptno  
from jemp, jdept  
where jemp.deptno = jdept.deptno;

Set Operators :-

1) Union :- no duplicate

2) Union all :- it displays the duplicate

3) intersect :- it fetch the common rows

4) Minus :- Query 1 Minus Query 2

Select deptno from jdept  
Union

Select Dept no from jemp;

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Record Main actives of the day (including observation, sketches, discussions, etc)

② Select Deptno from jdept  
Union all

Select deptno from jemp;

③ Select deptno from jdept  
intersect

Select deptno from jdept;

④ Select deptno from jdept  
minus

Select Dept no from jemp;

To find the 3rd Maximum Salary:

Select Max(csal) from jemp

where csal < (Select max(csal) from jemp)

where csal < (Select max(csal) from jemp));

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## Using Top - N Analysis :-

↳ row num :- It gives the record number for each row

↳ rowid :- It gives the row address for each row

- ① Select empno, ename, rownum from  $\text{j}^{\circ}\text{emp}$ ;
- ② Select empno, ename, rownum, rowid from  $\text{j}^{\circ}\text{emp}$ ;
- ③ Select \* from  $\text{j}^{\circ}\text{emp}$   
where rownum = 1;
- ④ Select \* from  $\text{j}^{\circ}\text{emp}$   
where rowid = 'AAAFHUABAAAALGPAAC';
- ⑤ Select \* from  $\text{j}^{\circ}\text{emp}$   
where rownum <= 4;

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|---|--------------------|
| Day-  | Date: 14/03/2023   |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

-? HTML :-

- \* HTML Stands for Hyper Text Markup language.
  - \* HTML is the Standard Markup language for Creating web pages.
  - \* HTML Describes the Structure of a webpage
  - \* HTML consists of a series of elements.
  - \* HTML Elements tell the Browser how to display the content.
  - \* HTML Elements label pieces of Content Such as "this is a Heading", "this is a paragraph", "this is a Link", etc..,
- HTML Entities: Are predefined Code for Display the Symbols

Entities Name

Description

&nbsp

Space

&lt

less than

&gt

Greater than

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£ copy

£ reg

£ pound

copyright

Registration

pounds

## -:- HTML Programs :-

1) <html>

<head>

<title> my first program in HTML </title>

<head>

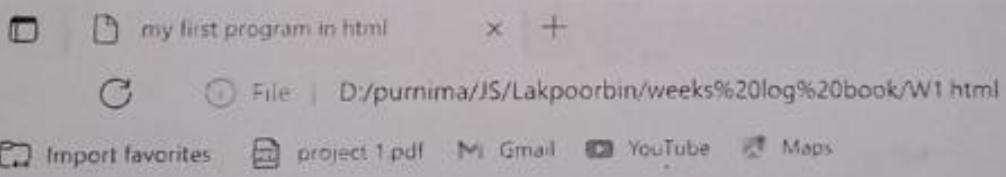
<body>

i am learning the HTML

my name is poornima from chickballapur

</body>

</html>



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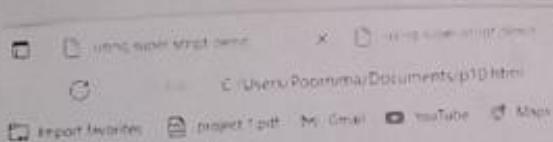
|   |                    |
|---|--------------------|
| Day-  | Date:              |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
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| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

```

<html>
<head>
<title> Using Super Script Demo </title>
</head>
<body>
<h1> Superscript for Oxygen </h1>
<h4> O<sup>2</sup> &lt;sup>2</sup> </h4>
<h1> A<sup>2</sup> &lt;sup>2</sup> b<sup>2</sup> + 2AB </h1>
</body>
</html>

```



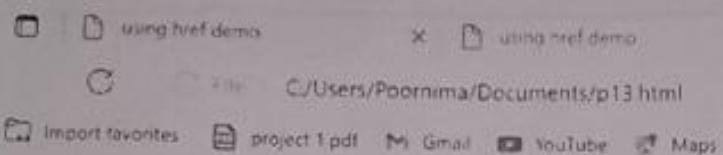
superscript for oxygen

$O^2$

$A^2+b^2+2AB$

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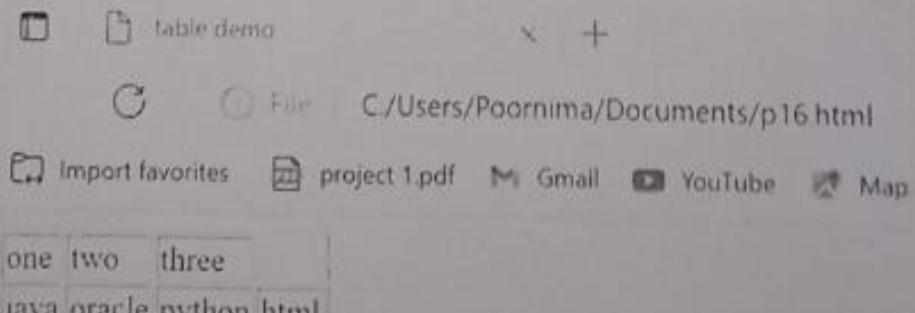
```
<html>
<head>
<title> Using href Demo </title>
</head>
<body>
<h1> href reference demo </h1>
<a href = 'D:\Poornima\first.html'> first html page </a>
<a href = 'www.google.com'> www.google.com </a>
</body>
</html>
```



## hreference demo

first html page www.google.com

```
<html>
<head>
<title> Table Demo </title>
</head>
<body>
<table border = 1>
<tr>
<td> one <td> two <td> three <td>
<tr>
<td> java <td>
<td> Oracle <td>
<td> python <td>
<td> html <td>
<tr>
<td> one <td> two <td> three
<td> java <td> oracle <td> python <td> html
</td>
</tr>
</table>
</body>
</html>
```



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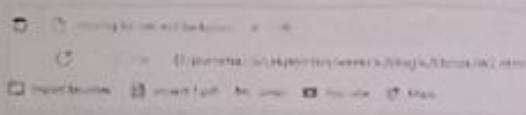
|   |                    |
|---|--------------------|
| Day-  | Date: 20/03/2023   |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

```

<html>
<head>
<title> coloring for text and Background </title>
<body style="background-color: pink;">
<center><h1>India is My Country </h1></center>
</body>
</html>

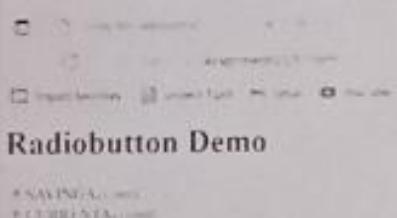
```



India is my country

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```
<html>
<head>
<title> Using the Radiobutton </title>
</head>
<body>
<h1> Radiobutton Demo </h1>
<form>
<input type="radio" name="q8" value="SAVINGACCOUNT"> SAVINGACCOUNT<br>
<input type="radio" name="q81" value="CURRENTACCOUNT"> CURRENTACCOUNT<br>
</form>
</body>
</html>
```



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|                  |                    |
|------------------|--------------------|
| Day-             | Date:              |
| Time of Arrival: | Time of Departure: |
| Dept/Division:   | Nature of work:    |

Name of the Supervisor With designation and email ID:

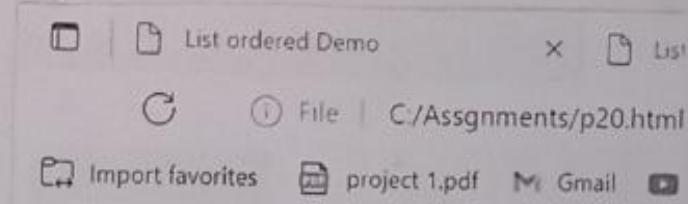
Remarks of the Training supervisor:

Record Main actives of the day (including observation, sketches, discussions, etc)

```

<html>
<head>
<title> List Ordered Demo </title>
</head>
<body>
<h1> List Ordered Demo </h1><br>
<ul>
<li> January </li>
<li> February </li>
<li> March </li>
<li> April </li>
</ul> </body> </html>

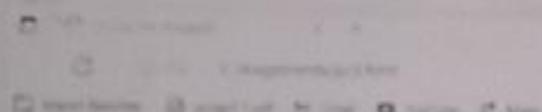
```

**List ordered Demo**

- january
- february
- march
- april

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```
<html>
<head>
<title> Using the Marquee </title>
</head>
<body bgcolor = "cyan">
<h1> Using the Marquee </h1> <br>
<font size = "8" color = "red" face = "Times New Roman">
<marquee direction = "RIGHT" loop = "2">
I am learning HTML / Marquees
</font> </body> </html>
```



using the marquee

I am learning HTML

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|   |                    |
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| Day-  | Date: 9/03/2023    |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

### Using the Bidirectional Overide:-

It is used to display the Text in a Reverse  
Style-->

Default from Left to Right

Sto--

<body dir="rtl"> . . . </body>

### Using the Dropdown List:-

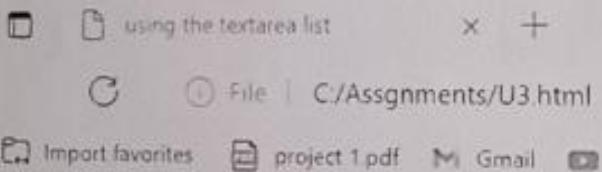
Using the Select tag we can Design the  
dropdown List

Sto--

```
<Select name="name">
<option value="name1"> . . . </option>
<option value="name2"> . . . </option>
</Select>
```

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```
<html>
<head>
<title> Using the Textarea List </title>
</head>
<body>
<form action="http://www.google.com">
<h1> Using the Textarea </h1>
<textarea name="Comments" rows="15" cols="30"></textarea>
<input type="Submit" />
</form>
</body>
</html>
```



## Using The Textarea

My Name is Poornima  
From KVTP College  
chickballapur.....

Submit

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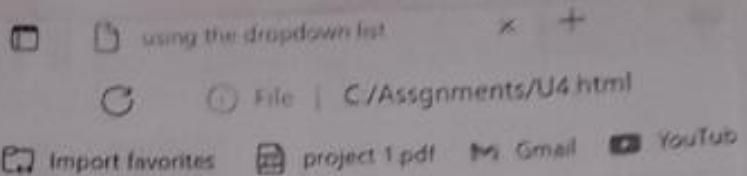
Record Main actives of the day (including observation, sketches, discussions, etc)

```

<html>
<head>
<title> Using the Dropdown List </title>
</head>
<body>
<form action="http://www.google.com">
<h1> Using the Dropdown List </h1>
Country is :<br>
<select name="country">
<option>India</option>
<option>UK</option>
<option>USA</option>
<option>Japan</option>
</select>
<input type="Submit">
</form>
</body></html>

```

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## Using The Dropdown List

Country is  
India

```
begin
dbms_output.put_line ('Welcome to PL/SQL');
dbms_output.put_line ('Happy Ugaadi to All...');
end;
```

```
SQL> set serveroutput on
SQL> /
Welcome to pl/sql
happy ugaadi to all...
PL/SQL procedure successfully completed.
SQL>
```

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Record Main actives of the day (including observation, sketches, discussions, etc)

```

declare
n number(5) := 1;
begin
loop
dbms_output.put_line(n);
n := n + 1;
exit when n > 10;
end loop;
end;
/

```

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1  
2  
3  
4  
5  
6  
7  
8  
9  
10

begin  
for i in 1..10 loop  
dbm8-output.put\_line ('2\*' & integer'image(2\*i) & '=' & integer'image(2\*i));  
end loop;  
end;  
/

2\*1=2  
2\*2=4  
2\*3=6  
2\*4=8  
2\*5=10  
2\*6=12  
2\*7=14  
2\*8=16  
2\*9=18  
2\*10=20

## FORMAT 4

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|   |                    |
|---|--------------------|
| Day-  |                    |
| Time of Arrival:                                      | Date: 27/03/2023   |
| Dept/Division:  | Time of Departure: |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

### -% CSS%:-

- \* It Stands for "Cascading StyleSheets"
- \* CSS is a Styling lang which is used in the webpage
- \* CSS includes the Background color, Styles, Margins, Columns.....
- \* CSS is Having Multiple Sheets like Overlapping Sheets is called CSS
- \* It is used to Inheriting the properties of different Styles in the CSS.

### Syntax of CSS%:-

```

<html>
  <head><body>
    ...
    <Style type = "text/css">
      ...
      ...
    </Style></head></body></html>
  
```

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## features of CSS:

- 1) flexibility
- 2) It is tightly integrated with HTML
- 3) Easy to manage
- 4) Portable in nature
- • • • Etc.

## :CSS programs:-

```
<html>
<head>
<title>CSS first program</title>
<Style type="text/css">
P{
color:cyan
}
P1{
color:red
}
</Style>
<body>
<p>This is first program</p>
<p>This is Red color</p>
</body></html>
```

□ ○ file : C:/Assignments/CSS/p1.html  
□ import favorites □ print.pdf ■ Gmail ■ YouTube

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| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

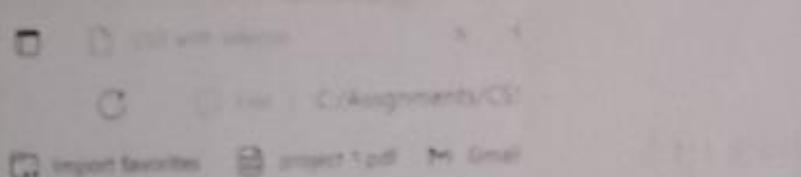
```

<html>
<head>
<title> CSS with Selector </title>
<Style type="text/css">
P{color: pink;}
P{color: green;}
</Style>
</head>
<p>This is first program</p>
<p>this is paragraph</p>
<p>this is the second para</p>
<p>This is my other Selector</p>
<p>This my other Selector</p>
</body> </html>

```

Signature of Industry Supervisor

```
<html><head>
<title> CSS with Background color choice </title>
<Style type = "text /css">
# P1 {background-color: red;}
# P2 {background-color: yellow;}
# P3 {background-color: green;}
</Style></head>
<body>
<p id = "P1">This is first program with red Color</p>
<p id = "P2">This is paragraph 1 with yellow color</p>
<p id = "P3">This is Second para with Green</p>
</body>
</html>
```



This is my other browser. I have another browser

## FORMAT 4

## Student's Daily Log Book

|   |                    |
|---|--------------------|
| Day-  | Date:              |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |

Remarks of the Training supervisor:

Record Main actives of the day (including observation, sketches, discussions, etc)

```

<html>
<head>
<title> CSS with text Styles </title>
<Style type = "text/css">
#P1 { letter-spacing : normal ; color : red ; }
#P2 { letter-spacing : 13px ; color : green ; }
</Style>
</head>
<body>
<p id = "P1"> thi is text style with respect to the
letters Spacing normal </p>
<br> <br>
<p id = "P2"> thi is with Arial font thi is text
style for spacing 13x </p>
</body> </html>

```

Signature of Industry Supervisor



## FORMAT 4

## Student's Daily Log Book

|   |                    |
|---|--------------------|
| Day-  | Date: 08/03/2023   |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

### - : JavaScript :-

JavaScript is a Scripting language & Light weight Programming language that is interpreted by the Browser Engine when the web page is loaded.

(OR)

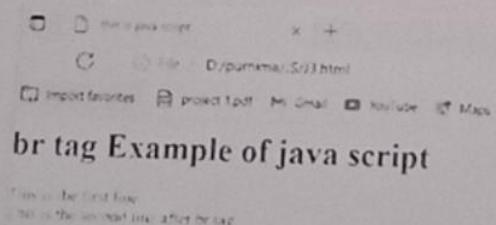
JavaScript is the Scripting lang of HTML and the Web

### Features of JS:-

1. Generating HTML code
2. JS is a client side programming lang
3. JS is case Sensitive lang
4. Validates web pages
5. Create cookies
6. Support for objects  
and etc... . . .

Signature of Industry Supervisor

```
<html>
<head>
<title> This is Java Script </title>
</head>
<body>
<h1> br tag Example of Java Script </h1>
<Script>
document.write("This is the first line");
document.write("<br>");
document.write("This is the second line after br tag");
</Script>
</body>
</html>
```



## FORMAT 4

## Student's Daily Log Book

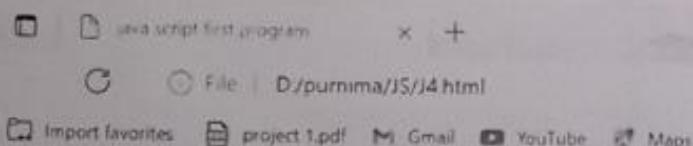
|   |                    |
|---|--------------------|
| Day-  | Date:              |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

```

<html>
<head>
<title> Java Script first program </title>
<body>
<Script>
document.write ("<h1 style='color:blue;font-family:tohama;font-size:40px'> Good Afternoon KVTP..</h1>");
document.write ("Welcome to Java Script");
</Script>
</body></html>

```

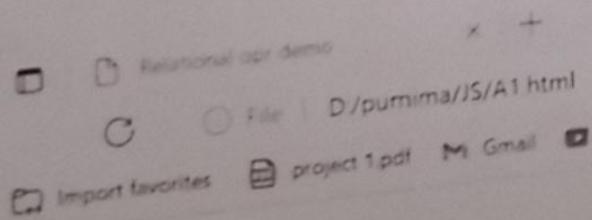


# Good Afternoon KVTP..

Welcome to java script

Signature of Industry Supervisor

```
<html>
<head>
<title>Relational opr demo </title>
<Script>
document.write ("My Relational opr");
document.write ('<br>');
var a=100;
var b=100;
var c;
document.write ('the value of a is ' + a);
document.write ('<br>');
document.write ('the value of b is ' + b);
document.write ('<br>');
c=(a==b);
document.write ('the result is Equal ' + c);
</Script>
<head>
<body>
</html>
```



My Relational opr  
the value of a is 100  
the value of b is 100  
the result is equal true

## FORMAT 4

## Student's Daily Log Book

|                  |                    |
|------------------|--------------------|
| Day-             | Date:              |
| Time of Arrival: | Time of Departure: |
| Dept/Division:   | Nature of work:    |

Name of the Supervisor With designation and email ID:

Remarks of the Training supervisor:

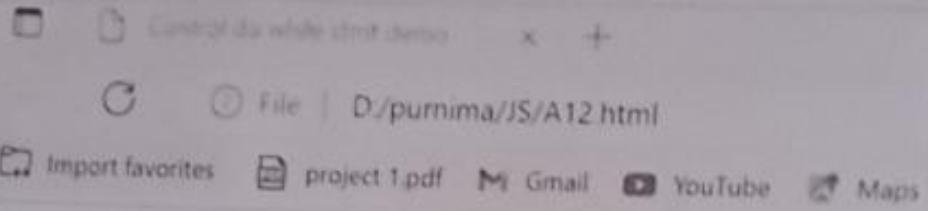
Record Main actives of the day (including observation, sketches, discussions, etc)

```

<html>
<head>
<title> control do while Stmt Demo </title>
<Script>
document.write("my do-while Stmt");
document.write("<br>");
var n=1;
do
{
document.write(n);
document.write("<br>");
n++;
}
while(n<=10);
</Script>
</head></body></html>

```

Signature of Industry Supervisor



### My do-while stmt

1  
2  
3  
4  
5  
6  
7  
8  
9  
10

## FORMAT 4

## Student's Daily Log Book

|   |                    |
|---|--------------------|
| Day-  | Date: 03/04/2023   |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

Conditional Stmt :-

↳ Using simple Stmt

Simple if Stmt

Using the if else if Stmt :-

St :-

if <cond>

{

<true>

}

else if <cond>

{

<stmt>

}

;

....

else {

<stmt>;

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### 3) Using Switch case Stmt:-

Switch (Variable)

{

case value1: <...>; break;

case value2: <...>; break;

.....

.....

Default: <...>; break;

}

looping Stmt's:- while loop, for loop, do while

#### ① Using the while loop:-

It is used to execute the code repeatedly till the condition is True.

St:-

while<Condition>

{

<...>;

}

#### ② Using for loop:-

St:-

for (Initialization; <cond>; Iteration)

{

<...>;

}

loop exit;

#### ③ Using the do while Stmt:- It checks the value first & then prints the result

St:- do {

<...>

} while <condition>;

## FORMAT 4

## Student's Daily Log Book

|   |                    |
|---|--------------------|
| Day-  | Date:              |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |

Remarks of the Training supervisor:

Record Main actives of the day (including observation, sketches, discussions, etc)

```

<html>
<head>
<title>control if Stmt Demo</title>
<script>
document.write("My if else Stmt");
document.write("<br>");
var a=100;
if (a==800)
{
document.write ("this Positive");
}
else
{
document.write ("this Negative");
}
</script>
</head>
<body>
</body>

```

Signature of Industry Supervisor

D:/purnima/JS/A5.html  
import favorites project1.pdf My Gmail YouTube

My if else stat  
this is Negative

```
<html>
<head>
<title> control of Stmt demo </title>
<Script>
document.write ("My simple if Stmt");
document.write ("<br>");
var a=800;
if (a==800)
{
document.write ("This Stmt is True");
}
</Script>
</head>
</body>
</html>
```

D:/purnima/JS/A2.html  
Import favorites project1.pdf My Gmail YouTube

My Simple if Stmt  
this Stmt is true

## FORMAT 4

## Student's Daily Log Book

|   |                    |
|---|--------------------|
| Day-  | Date:              |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

```

<html>
<head>
<title>control for loop Statement </title>
<script>
document.write ("My for loop Statement");
document.write ("<br>");
var n;
for (n=1; n<=10; n=n+1){
document.write (" " + n + " = ");
document.writeln (" " + n * 2);
document.write ("<br>");
}
</script></head><body></html>

```

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Control for loop stmt demo

File D:/purnima/JS/A14.html

Import favorites project 1.pdf Gmail YouTube

```
My for loop stmt  
2*1 = 2  
2*2 = 4  
2*3 = 6  
2*4 = 8  
2*5 = 10  
2*6 = 12  
2*7 = 14  
2*8 = 16  
2*9 = 18  
2*10 = 20
```

```
<html>  
<head>  
<title>Control case with Stmt demo</title></head>  
<Script>  
document.write ("My Switch Case Stmt");  
document.write ("<br>");  
Var n=4;  
Var monthname;  
Switch (n)  
{  
Case 1: Monthname = "JAN"; break;  
Case 2: Monthname = "FEB"; break;  
Case 3: Monthname = "MAR"; break;  
Case 4: Monthname = "APR"; break;  
Default: monthname = "NOT KNOWN"; break;  
}  
document.write ("the choice of n is " + n);  
document.write ("<br>");  
document.write ("name of month is " + monthname);  
</Script> </body> </html>
```

Control case with stmt demo

File D:/purnima/JS/A9.html

Import favorites project 1.pdf Gmail YouTube Maps

My switch case stmt  
the choice of n is 4  
name of month is APR

## FORMAT 4

## Student's Daily Log Book

|   |                      |
|---|----------------------|
| Day-  | Date: 10 / 04 / 2023 |
| Time of Arrival:                                      | Time of Departure:   |
| Dept/Division:  | Nature of work:      |
| Name of the Supervisor With designation and email ID: |                      |
| Remarks of the Training supervisor:                   |                      |

Record Main actives of the day (including observation, sketches, discussions, etc)

User Defined function :-

- 1) function is a Re-usable Block of the program
- 2) It Returns the Value
- 3) It is used to Divide the Module inside the program.

Sto:-

- 1) Create a function

```
function <fun-name>(<par1>, <par2>---)
{
    -----
}
```

- 2) Call the functions

```
function-name();
```

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## Steps for Developing arrays:-

1) Create an Array

Syntax: `Var <array-name> = [<val1>, <val2>, ...];`

2) Getting the values from the array.

Syntax: `Variable name [index] = <values>;`

3) Getting a value from the array

Syntax: `Variable name [index - Value];`

4) Getting the size of the array.

Syntax: `Variable name, length;`

5) Adding new element inside the array

Syntax: `Variable-name.push(value);`

6) Removing the element from the array.

Syntax: `Variable name.splice(index, no-of-elements -req- rename);`

7) Add the element in between

Syntax: `Variable-name.splice [index, 0, new value];`

## Using type of keyword:

It is used to get the Data type of the given value

Syntax:-

`type of <val>;`

Ex:-

`type of 10;`

## FORMAT 4

## Student's Daily Log Book

|   |                    |
|---|--------------------|
| Day-  | Date:              |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

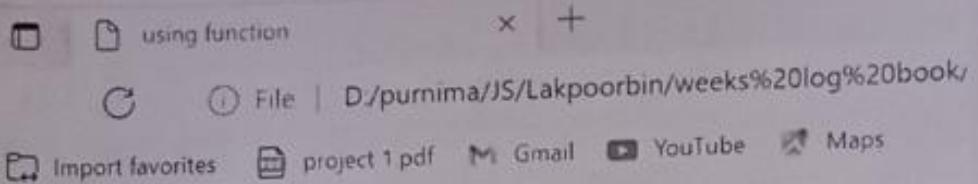
Record Main actives of the day (including observation, sketches, discussions, etc)

```

<html>
<head>
<title> Using functions </title>
<body>
<h1>functions Demo</h1>
<script>
function fun1()
{document.write ("Name : poornima");}
function fun2()
{document.write ("college Name : KVTP");}
function fun3()
{document.write ("City : cbpuh");}
document.write ("<br>");
fun1();
document.write ("<br>");
fun2();
document.write ("<br>");
fun3();
</script>
</body> </html>

```

Signature of Industry Supervisor



## Functions Demo

Name: Poornima

collage: KVTP

City: cbpur

```
<html>
<head>
<title>using functions</title>
<body><h1> functions Demo </h1><script>
function fun1()
{document.write ("Hello India");}
function fun2()
{document.write ("Hello Karnataka");}
function fun3()
{document.write ("Hello Bengalure");}
document.write ("<br>");
fun1();
document.write ("<br>");
fun2();
document.write ("<br>");
fun3();
</script></body></html>
```

## Functions Demo

Hello India  
Hello Karnataka  
Hello Bengalure

## FORMAT 4

## Student's Daily Log Book

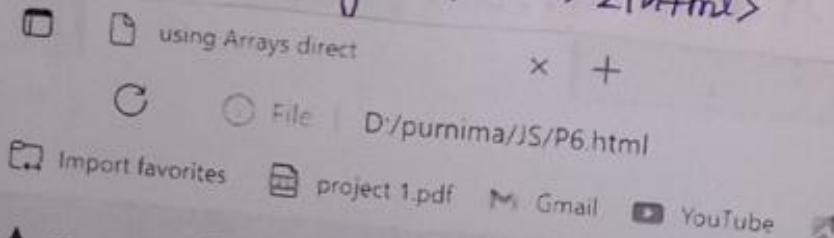
|   |                    |
|---|--------------------|
| Day-  | Date:              |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

```

<html>
<head>
<title> Using Arrays Direct </title>
<body bgcolor = "pink">
<h1> Arrays using Direct demo </h1>
<script> var i=0;
var stu=new Array();
stu[0] = "poornima"; stu[1] = "Monika"; stu[2] = "Siri";
while (i < stu.length)
{document.write(stu[i] + "<br>"); i++;}
</script> </body> </head> </html>

```

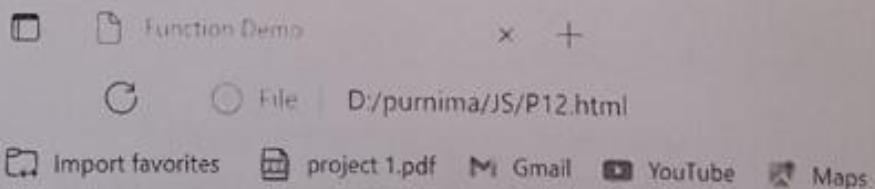


## Arrays Using Direct Demo

Poornima  
Monika  
Siri

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```
<html>
<head>
<title>function Demo</title>
<body>
<h1> functions Datatype Demo</h1>
<Script>
Var a=10;
Var b=20.45;
Var c="hello";
Var d=true;
Var e=false;
document.write(a);document.write ("  
");
document.write (typeof a);
document.write ("  
");
document.write (b);document.write (b);
document.write (typeof b);
document.write ("  
");
document.write (c);document.write (c);
document.write (typeof c);
document.write ("  
");
document.write (d);document.write (d);
document.write ("  
");
document.write (e);document.write (e);
document.write ("  
");
document.write ("thank You");
</Script>
</body></html>
```



## Function Datatype Demo

10  
20.45  
hello  
true  
false  
Thank You

## FORMAT 4

## Student's Daily Log Book

|   |                    |
|---|--------------------|
| Day-  | Date: 11/04/2023   |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

Objects Inside the DOM :-

1. Window
2. Document
3. Element

Window :-

It Represents the Entire Browser Window. It has Properties and Methods.

- 1) location . href
- 2) Screen
- 3) Print
- 4) Alert

Document :-

It Represents the current working Web Pages.

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- 1} Title
- 2} head
- 3} body
- 4} Images
- 5} URL

### Element :-

This Element Represent a Single Tag using inner HTML

St :-

```
document.getElementById ("IDNAME").innerHTML;
```

### Using Number function and parseInt function :-

number() is a pre defined function which is used  
To convert String to number.

It Returns () if the String is Empty / Space

It Returns nan (not a number) for alphabets / alphanumeric

St :- number (Sts value);

### Using ParseInt function :-

Is used to convert from string to number.

It doesn't support Decimal values

It Returns Nan if variable is Started with  
character / Empty / Space

St :-

```
ParseInt (Sts value);
```

## FORMAT 4

## Student's Daily Log Book

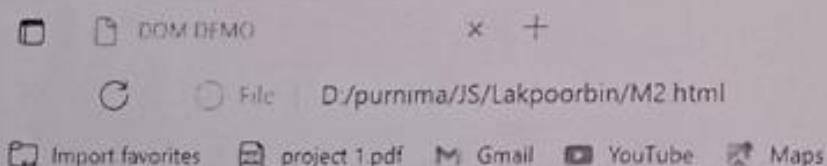
|   |                    |
|---|--------------------|
| Day-  | Date:              |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

```

<html>
<head>
<title> DOM Demo </title>
</head>
<body>
<h1>Window Demo Navigator userAgent demo</h1>
<script>
document.write (window. Navigator. userAgent);
</script>
</body></html>

```



## Window Demo navigation userAgent Demo

Window.navigation.userAgent

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```
<html>
<head>
<title>DOM Demo</title>
</head>
<body>
<h1>Windows Demo Using Alert demo</h1>
<script>
document.write("Windows Alert Message");
window.alert("Hello");
</script>
</body>
</html>
```



**FORMAT 4****Student's Daily Log Book**

|   |                    |
|---|--------------------|
| Day-  | Date:              |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |

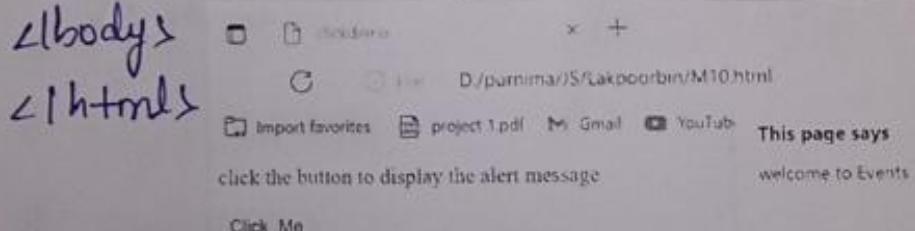
Remarks of the Training supervisor:

Record Main actives of the day (including observation, sketches, discussions, etc)

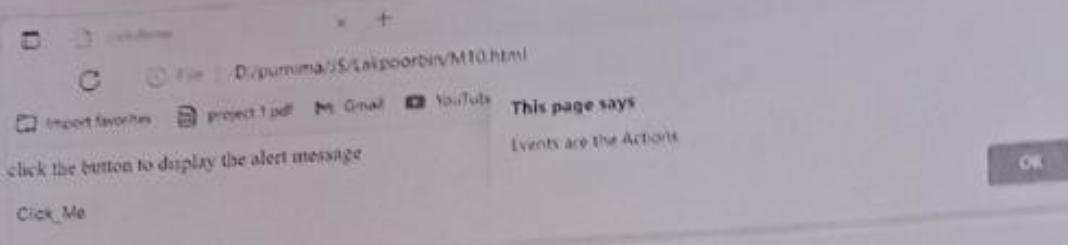
```

<html>
<head>
<title>click Demo</title>
<script>
function fun1()
{
alert ("Welcome to Events");
alert ("Events are the Actions");
}
</script>
<body>
<p> click the Button Display the alert Message</p>
<button Onclick = "fun1()">click_me</button>
</body>
</html>

```



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```
<html>
<head>
<title>Mouse Over Mouse Out Demo</title>
<Script>
function Mouseover()
{
alert("Welcome to JAVA Script");
}
function Mouseout()
{
alert ("Thanks Visit Again");
}
</Script>
<body>


A screenshot of a browser window titled "mouse over mouse out demo". The address bar shows the file path "D:/purnima/S/Lakpoorbin/M12.html". The toolbar includes "Import favorites", "Project 1.pdf", "My Gmail", "YouTube", and "This page says". A message box is displayed with the text "Thanks Visit Again" and an "OK" button.


```

## FORMAT 4

## Student's Daily Log Book

|   |                    |
|---|--------------------|
| Day-  | Date: 17/04/2023   |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

UNIX: Unix is an Operating System. An Operating System is the program that controls all the other parts of a Computer System, both the hardware & the software.

Commands :

Directory : (pwd, cd, mkdir, rmdir, ls)

file : (In, cat, cp, rm, mv, touch)

fundamental : (Date, cal, man, clear, who, password  
write, history)

Operating System functions in Unix:

- \* Memory Management
- \* Processor Management
- \* Device Management
- \* File Management

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- \* Security
- \* Job Scheduling
- \* Error Detecting
- \* Co-ordinating

### Difference:

| Single User OS   | Multi User OS  |
|--|--|
| * Only One user can Access the computer System at a Time | * More than One user to Access a Computer System at one time |
| * Simple, Less Costing                                   | * Complex, Expensive   |
| * MS-DOS   | * Linux  |

Total ports in Computers 65535 (Virtual channels to Communicate)

- Default https port No: 443
- Default http port No: 80
- Default Smtp port No: 25
- Default rdp port No: 3389

### CIA Triad :-

Confidentiality: (Ex: Account, information)

Integrity : (Ex: patients information)

Availability: (Ex: Authentication Service)

## FORMAT 4

## Student's Daily Log Book

|   |                    |
|---|--------------------|
| Day-  | Date:              |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

Penetration Testing phases :-

Reconnaissance :- Open Source Links who is Built with .com Google hack in

Scanning :- Nmap

Gaining Access :- Metasploit hydra Aircrack.

Maintain Access :- Any Time Back door

clear Traces :- clear logs , Alerts.

CIA :-

- Vulnerabilities :- loop holes
- Exploitation :- Gaining Access System (payload -> a piece of code)
- Threat :- Loss of Data bcz of Some Bad program
- Risk :- Business Loss

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## Commands :-

1) `Mkdir` : Make a New Directory

Ex: `mkdir Poornima`

2) `rmdir` : remove the Directory

Ex: `rmdir poornima`

3) `Vi` : Create a New file

Ex: `vi ABC`

4) `cat` : View the file

Ex: `cat ABC`

5) `cp` : Copy the file

Ex: `cp ABC XYZ`

6) `Mv` : Move the file

Ex: `Mv ABC XYZ`

7) `rm` : remove the file

Ex: `rm ABC`

8) `ls` : list the files & Directory's

Ex: `ls` or `ls ABC`

9) `Pwd` : present working Directory

Ex: `Pwd`

10) `Ipconfig` : View the IP Address & MAC Address

Ex: `Ipconfig`

## FORMAT 4

## Student's Daily Log Book

|  |                    |
|--|--------------------|
| Day-   | Date:              |
| Time of Arrival:   | Time of Departure: |
| Dept/Division:   | Nature of work:    |
| Name of the Supervisor With designation and email ID:                              |                    |
| Remarks of the Training supervisor:  |                    |
| Record Main actives of the day (including observation, sketches, discussions, etc) |                    |

11} date + % A  
Monday

12} date + % a  
Mon

13} date + % y  
2023

14} date + % y  
23

15} date + % D  
04/17/23

16} date + % d  
17

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17} date + % B

April

18} date + % H

23

19} date + % H

06

20} date + % g

33

## FORMAT 4

## Student's Daily Log Book

|   |                    |
|---|--------------------|
| Day-  | Date: 18/04/2023   |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

### IP Address :

IP Address is an unique identification No to identify a computer and system. and it is used for communicate from one system to another system.

### Difference

| IPv4   | IPv6                          |
|--|-------------------------------|
| * IP Sec Optional & should be supported externally | * IP Sec Support is Mandatory |
| * Deployed In 1981                                 | * Deployed In 1998            |
| * 32 Bit IP Address                                | * 128 Bit IP Address          |

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\* 4.3 Billion Address

\* Numeric Address

\* DHCP Or Manual Configuration

\* Header Includes checksum

\* Header Includes Options

\*  $3.4 \times 10^{38}$  Unique IP Address

\* Hexadecimal alphanumeric Address

\* Supports Auto Configuration

\* Header Does not include checksum

\* All Optional Data is Moved to IPv6 Extension Headers

### Status Information:

1xx : Information

2xx : Successful

3xx : Redirection

4xx : Client Error

5xx : Server Error

### OSI:

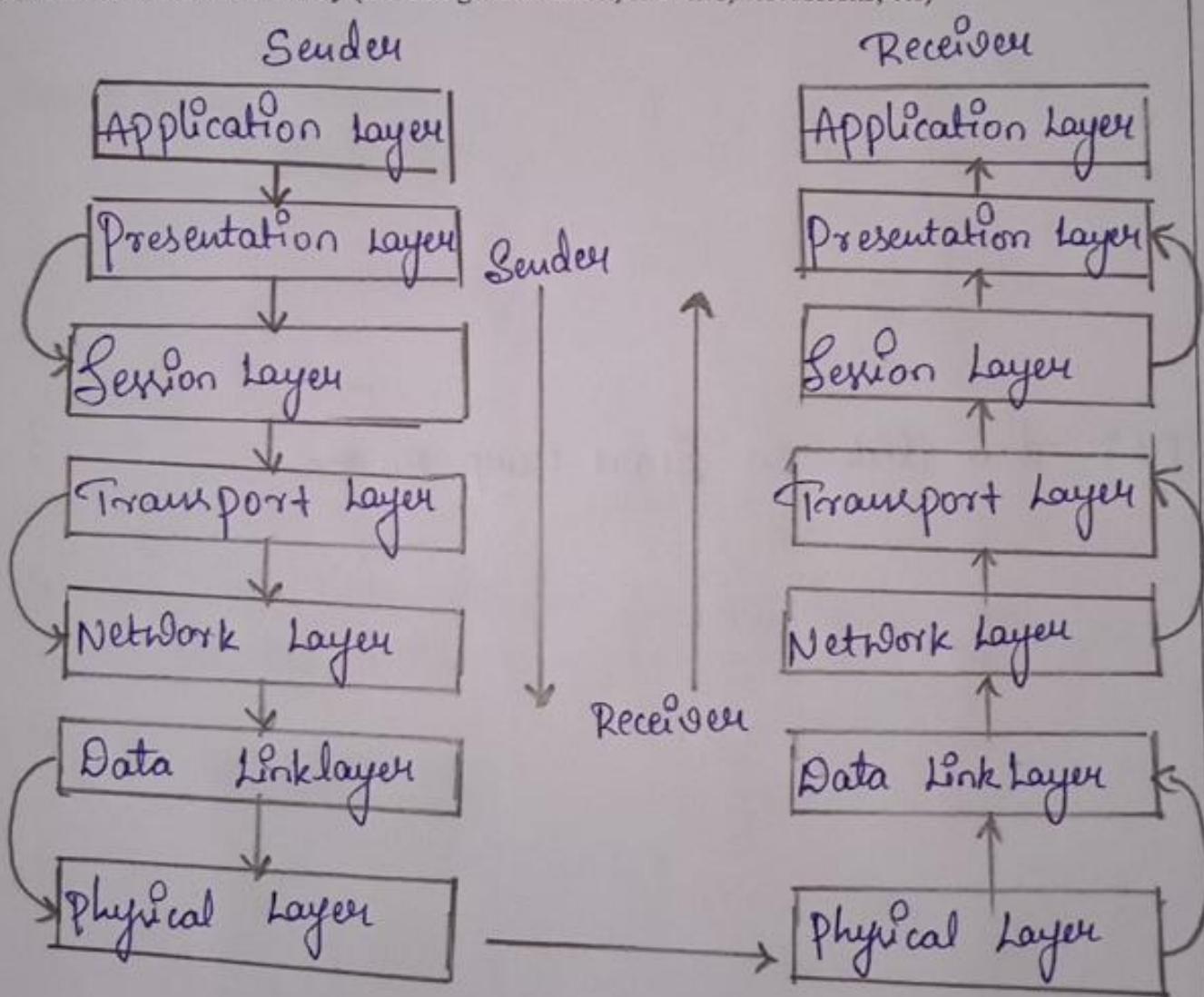
The Open System Interconnection (OSI) model describe Service for Seven layers that Computer System use to Communicate Over a Network.

## FORMAT 4

## Student's Daily Log Book

|   |                    |
|---|--------------------|
| Day-  | Date:              |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

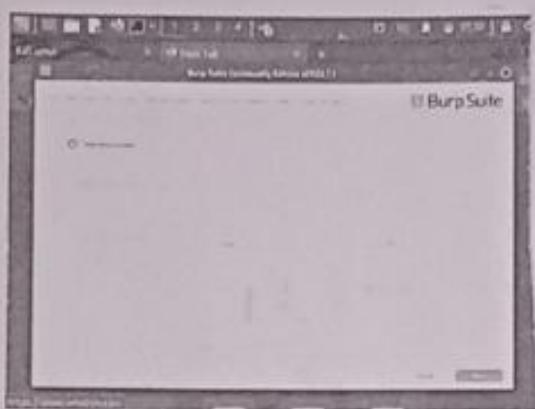


Signature of Industry Supervisor

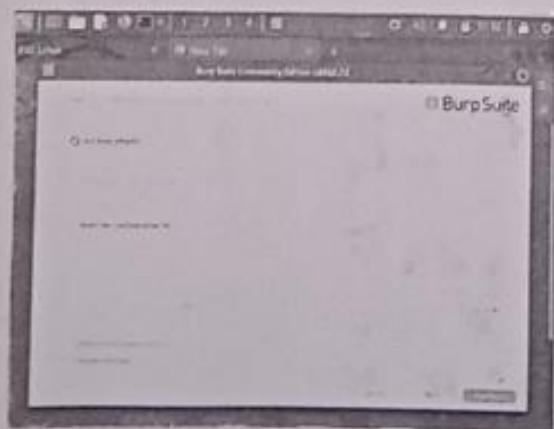
## Burp Suite:

Step 1:- Open the Application and Search for BurpSuite  
As show Below

Step 2:- click On Next Button



Step 3:- Then click on Start Burp Button



## FORMAT 4

## Student's Daily Log Book

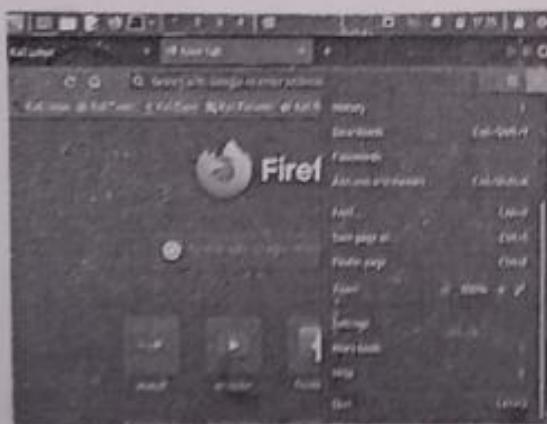
|   |                    |
|---|--------------------|
| Day-  | Date:              |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

Step 4 :- And Minimize the windows below

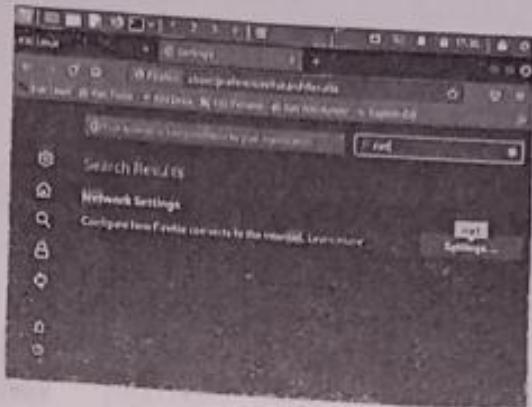


Step 5 :- And Open fire fox from kali Linux & click on Setting option.

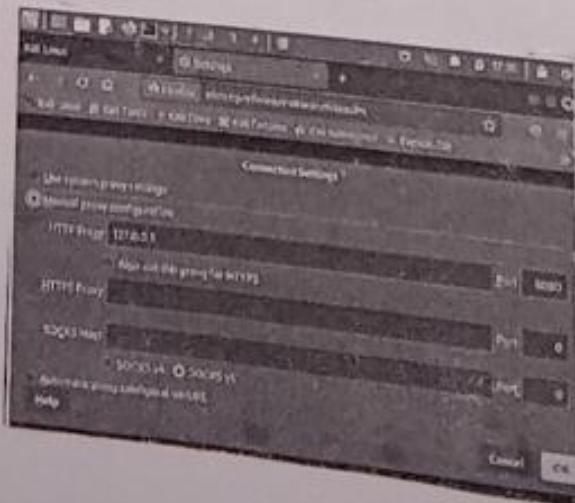


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Step 6 : Then Search the Network and click On Setting  
Press the yellow colour one.



Step 7 : And choose Manual proxy Configuration & give IP Address Ex :- 127.0.0.1 And Give port Number Ex :- 8080 and click on ok



## FORMAT 4

### Student's Daily Log Book

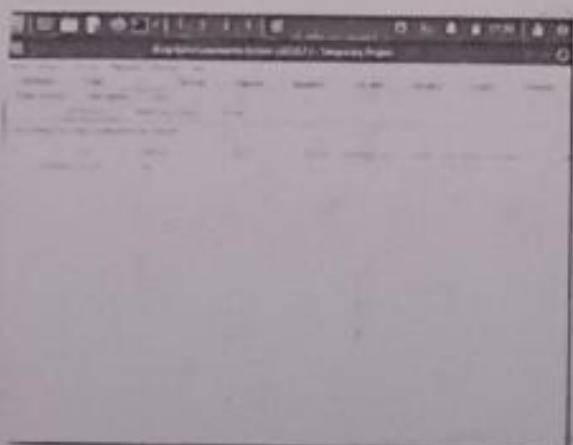
|   |                    |
|---|--------------------|
| Day-  | Date:              |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

Step 8: Then Open the Bwp Suite click on proxy



Step 9: Got a bwp Suite & find the Request below.



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Step 10: click on history & note the Method GET as  
Below.

## FORMAT 4

## Student's Daily Log Book

Day-

Time of Arrival:

Dept/Division:

Name of the Supervisor With designation and email ID:

Date: 04/04/2023

Time of Departure:

Nature of work:

Remarks of the Training supervisor:

Record Main actives of the day (including observation, sketches, discussions, etc)

Login page Hacking :

Case 1 :- Valid Username &amp; Valid password

Case 2 :- Valid Username &amp; Invalid password

Case 3 :- Invalid Username &amp; Invalid password

Case 4 :- Invalid Username &amp; Valid password

Case 5 :- Blank Username &amp; Blank password

Case 6 :- Error Message { user enumeration } ---

Case 7 :- Special character

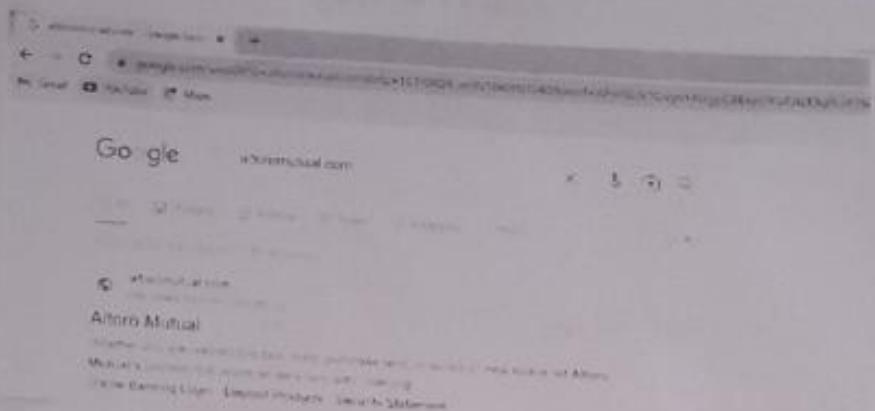
Case 8 :- Null Values

Case 9 :- Case Sensitive

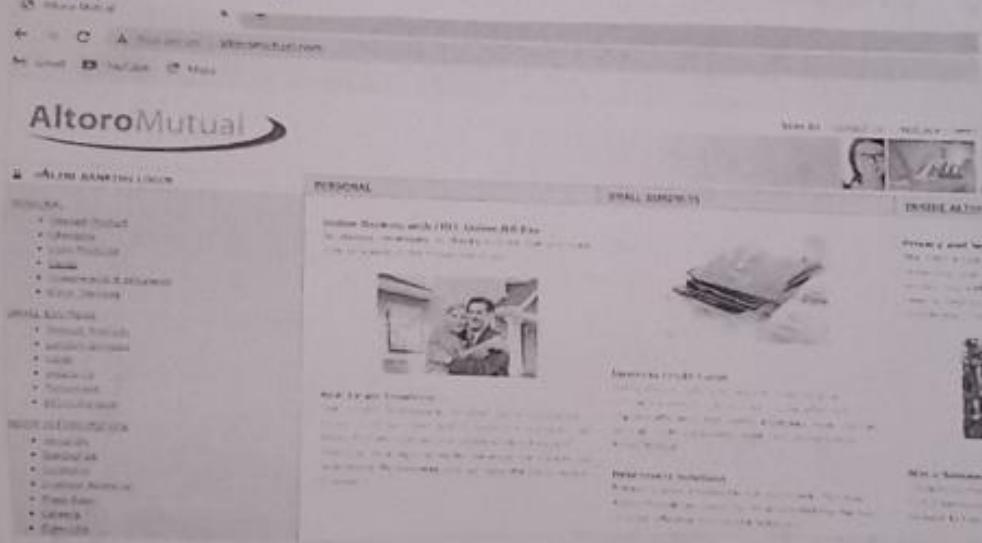
Case 10 :- Length Measurement Values Maximum.

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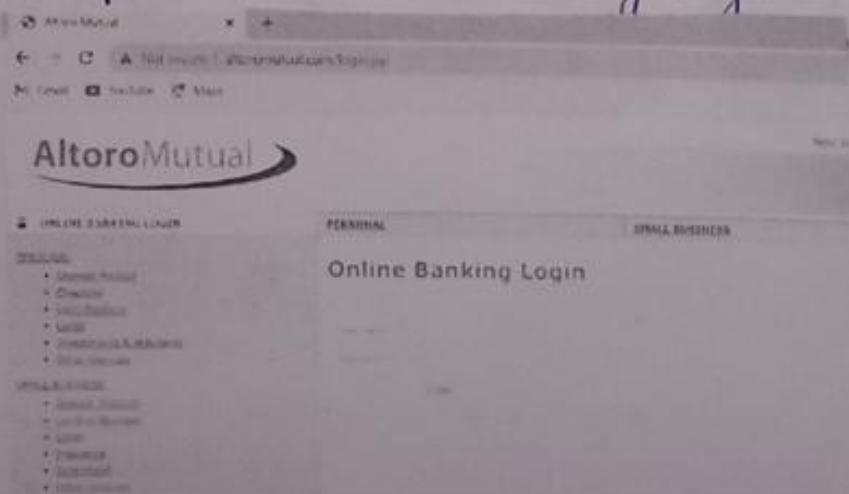
Step 1:- Open chrome then Search altoromutual.com then click on altoromutual.com



Step 2:- Then open the Altormutual website then click on Sign in Option



Step 3:- Then Open the Online banking Login....



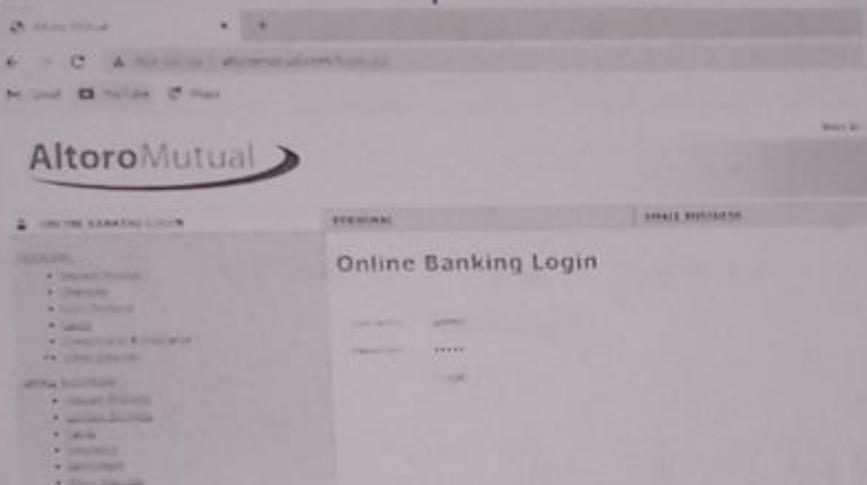
## FORMAT 4

## Student's Daily Log Book

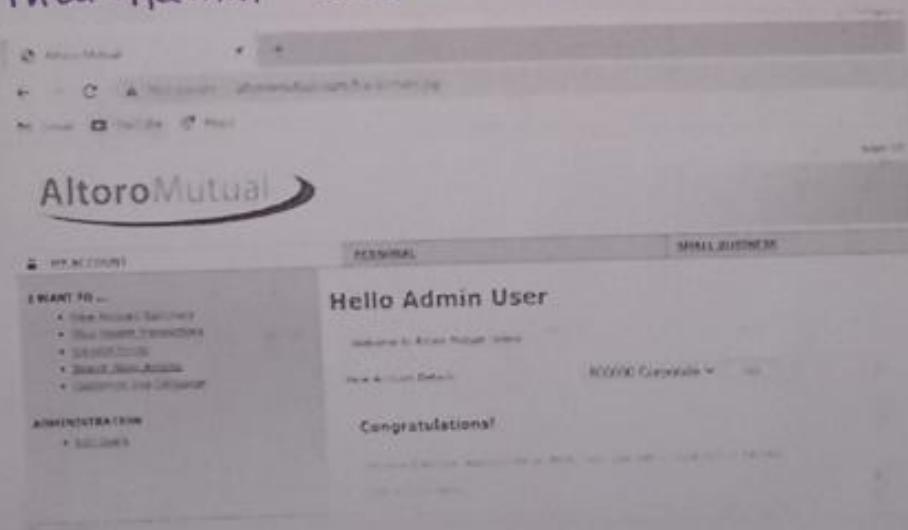
|   |                    |
|---|--------------------|
| Day-  |                    |
| Time of Arrival:                                      | Date:              |
| Dept/Division:  | Time of Departure: |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

*Step 4 :- Then give user name & same password...  
Like Username: admin , password: admin*



*Step 5 :- Then Admin website will be Open*



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Step 6:- Then give username & same password....  
Like Username : '1' OR '1'='1 , Password : '1' OR '1'='1.



Step 7:- Then 1' OR '1'='1 website will open



## FORMAT 4

## Student's Daily Log Book

|   |                    |
|---|--------------------|
| Day-  | Date:              |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

System Hacking from Linux to Windows :-

Step 1:- Open the Kali Linux & type Msfconsole  
a tool to Access with Metasploit Msfconsole →  
Cmd to Start the Metasploit tool to Hack

Step 2:- Type the Vulnerability Number which  
you are in Search as msf-17-010

Step 3:- You can use Other numbers

Step 4:- Now observe we hacked the Linux & IP  
Address as shown Above Pic & Now go Back  
to the older Terminal & Set the RHOSTS

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Step 5:- Then Set the LPORT

Step 6:- Enter the Show Options

Step 7:- Enter the Exploit

## FORMAT 4

## Student's Daily Log Book

|   |                    |
|---|--------------------|
| Day-  | Date: 25/04/2023   |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

clickjacking:

clickjacking is An Attack that Tricks a User into clicking a webpage element which is invisible Or disguised as Another Element. they can cause user Malicious webpage to unwittingly Download Malware Visit Malicious webpage provide credentials of Sensitive information Transfer Money. Or purchases Products Online.

Mitigating clickjacking with X-Frame-Options Response Header.

DENY:- Does not Allow Any domain to display this page within a frame.

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SAMEORIGIN :- Allows the current page to be displayed from another page, but only within the current domain.

Create a HTML Page As Show Above:

Note 1 :- We can find the two vulnerability for clickjacking with respect to the other page KVTP.com altromutal.com

Note 2 :- We can not Open the Google.com & facebook.com as shown

Note 3 :- One the web page right click the Mouse Button And Select the Inspect as shown in the Below picture

Note 4 :- click On Network Tab.

Note 5 :- Go to the Google & Again right click on Inspect click On Any of the button on the Google Page.

## FORMAT 4

## Student's Daily Log Book

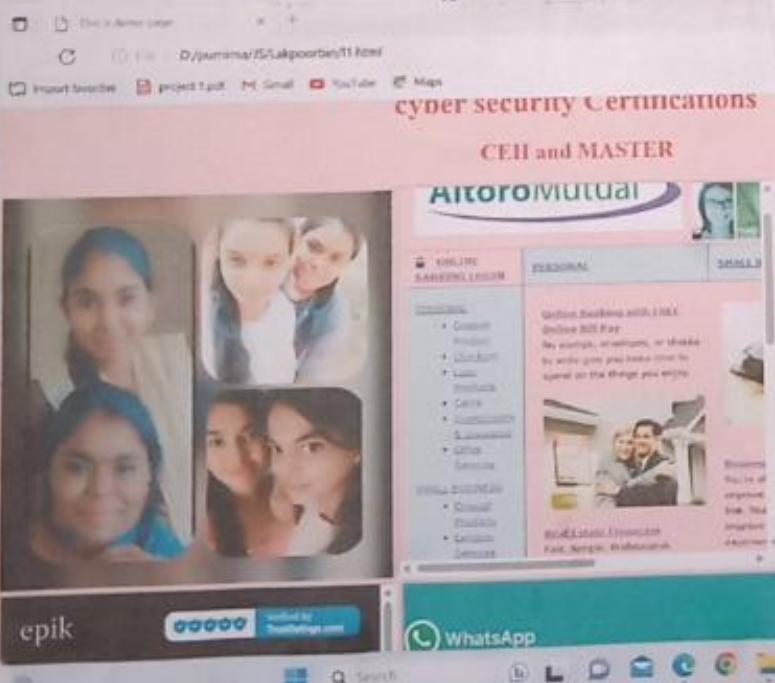
|   |                    |
|---|--------------------|
| Day-  | Date:              |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

checking the x-frame-options response header  
On website :-

Step 1:- Now, we can see facebook.com are not allow Any Domain to the display this page Within a frame

Step 2:- Because facebook.com are deny x-frame-options



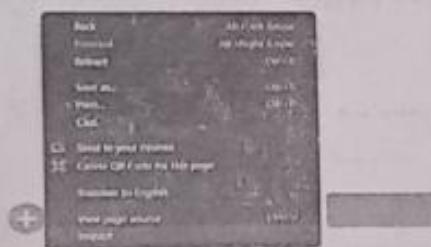
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Step 3:- So, we can check the x-frame-options on facebook.com website.

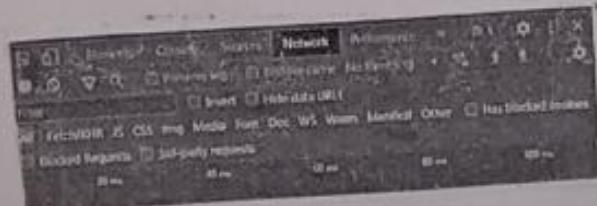
Step 4:- Open the chrome Browser then search the [www.facebook.com](http://www.facebook.com)



Step 5:- Right click on the page then Select the Inspect Option



Step 6:- click on Network Option



## FORMAT 4

## Student's Daily Log Book

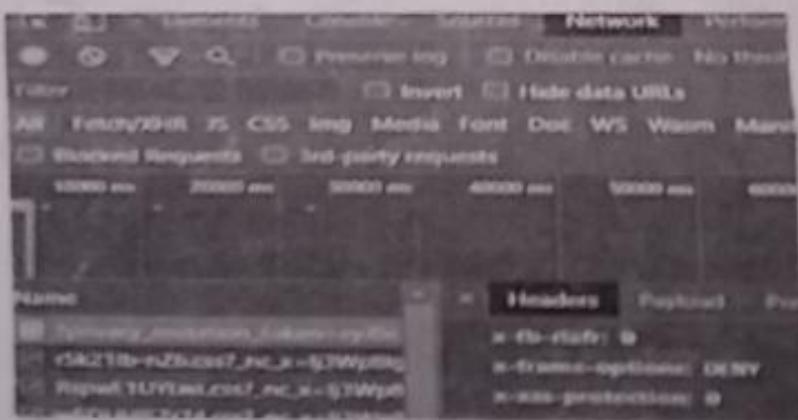
|   |                    |
|---|--------------------|
| Day-  | Date:              |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

Step 7:- Now, click on page



Step 8:- Select the first name & Scroll Down then  
We can see x-frame-options.



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Using Compare with respect to BumpSuite:-

Step 1:- Open the BumpSuite On Kali Linux

Step 2:- Select the proxy then click on Intercept off

Step 3:- click on Compare

Step 4:- Now, open the Terminal on Kali Linux then we can create the some files like w1.txt & w2.txt

Step 5:- Open the BumpSuite & click on Load Option then Select the w1.txt file then click on Open

Step 6:- Once Again click on Load the Select another file w2.txt then click on Open

Step 7:- Now, Starts the comparison of two files then

Step 8:- We can See length and Data of Selected Item.

## FORMAT 4

## Student's Daily Log Book

|   |                    |
|---|--------------------|
| Day-  | Date: 02/05/2023   |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

### Command Injection :-

Command injection is a cyber Attack that involves Executing Arbitrary Commands On a Host Operating System (OS). Typically, the threat Actor injects the commands By Exploiting An Application Vulnerability , Such as Insufficient input Validation.

### Command Injection Vulnerability Examples :-

1) file Name as command Argument

2) Manipulating APPHOME Environment Variable

3) Manipulating \$PATH Variable

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## File Upload :-

The Transmission of a file from One computer System to Another , usually larger Computer System to Another , usually larger Computer System. from a Network User's point - of - view , to upload a file is to Send it to Another Computer that is Set up to Receive it. the file upload Control Allows the user to Browser for and Select the file to be uploaded, providing A Browse Button and a Text Box for Entering the filename.

## File uploading Example:-

- cloud Storage
- Online Gaming
- Sending Security Video footage to the Internet
- Sharing large files
- Hosting a Web or file Server
- Video Conferencing.

## FORMAT 4

## Student's Daily Log Book

|   |                   |
|---|-------------------|
| Day-  | Date              |
| Time of Arrival:                                      | Time of Departure |
| Dept/Division:  | Nature of work    |
| Name of the Supervisor With designation and email ID: |                   |
| Remarks of the Training supervisor:                   |                   |

Record Main actives of the day (including observation, sketches, discussions, etc)

### Command Injection

Step 1:- Open the Kali Linux & Enter the ifconfig  
to find the IP Address

```

root@kali:~# ifconfig
eth0: flags=4163broadcast,multicast,running mtu 1500
inet 192.168.32.255 netmask 255.255.255.0
      broadcast 192.168.32.255
      inet6 fe80::2e0c:29ff:fe34:9f26 prefixlen 64
          linklayer
          brd fe80::2e0c:29ff:fe34:9f26
          queueing discipline 100
eth1: flags=4163broadcast,multicast,running mtu 1500
      inet 192.168.32.254 netmask 255.255.255.0
          broadcast 192.168.32.254
          inet6 fe80::2e0c:29ff:fe34:9f26 prefixlen 64
              linklayer
              brd fe80::2e0c:29ff:fe34:9f26
              queueing discipline 100
      RX packets 2 bytes 462 (462.0 B)
      RX errors 0 dropped 0 overruns 0 frame 0
      TX packets 32 bytes 3690 (3.7 Kib)
      TX errors 0 dropped 0 overruns 0 carry 0
      collisions 0

```

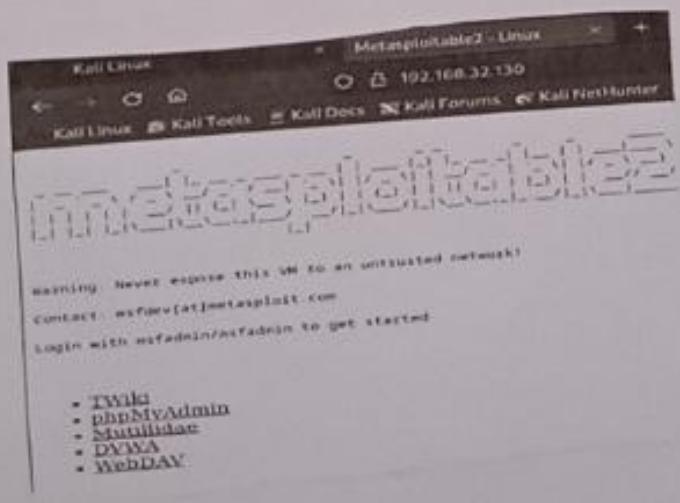
Signature of Industry Supervisor

Step 2:- Open the Metasploit & Enter the if config  
to find the IP Address

```
metasploitable:~$ ifconfig
Link encap:Ethernet  Brdaddr 00:0c:29:05:a9:c9
inet addr:192.168.32.129  Bcast:192.168.32.255  Mask:255
inet6 addr: fe00::20c:29ff:fe05:a9c9/64 Scope:Link
      UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
      RX packets:41 errors:0 dropped:0 overruns:0 frame:0
      TX packets:92 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:1000
      RX bytes:4909 (4.7 KB)  TX bytes:11013 (10.7 KB)
Interrupt:17  Base address:0x2000

Link encap:Local  Loopback
inet addr:127.0.0.1  Bcast:127.0.0.0
inet6 addr: ::1/128 Scope:Host
      UP LOOPBACK RUNNING  MTU:16436  Metric:1
      RX packets:119 errors:0 dropped:0 overruns:0 frame:0
      TX packets:119 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:31933 (31.1 KB)  TX bytes:31933 (31.1 KB)
```

Step 3:- Use that Metasploit IP Address & open the firefox Browser from kali Linux & paste the IP Address on firefox Browser then click on DVWA



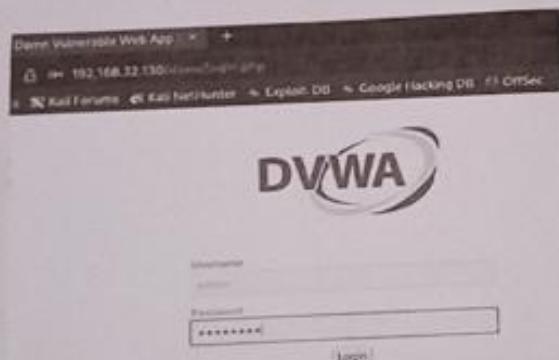
## FORMAT 4

## Student's Daily Log Book

|   |                    |
|---|--------------------|
| Day-  | Date:              |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

Step 4:- It's open the DVWA Screen then Enter  
username As Admin & password as password  
then click on Login



Step 5:- click on DVWA Security & Set the Security  
Level to low then click on Submit

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DVWA Security

Script Security  
Security Level: HIGH

PHPIDS  
Version: 10.0.0

Step 6:- click on command Execution then it Open's the Ping for free Screen

Step 7:- Enter the Google.com as input & click on Submit

Vulnerability: Command Exec

Ping for FREE  
Enter an IP address below:  
google.com submit

More info

Step 8:- You can observe 3 packets Transmitted & 3 packets Received so, the google is pinging.

### Vulnerability: Command Execution

Ping for FREE  
Enter an IP address below:  
google.com submit

```
PING google.com (142.250.182.46) 56(84) bytes of data.
64 bytes from maa05s19-in-f14.1e100.net (142.250.182.46): icmp_seq=1 ttl=128 time=0.0ms
64 bytes from maa05s19-in-f14.1e100.net (142.250.182.46): icmp_seq=2 ttl=128 time=0.0ms
64 bytes from maa05s19-in-f14.1e100.net (142.250.182.46): icmp_seq=3 ttl=128 time=0.0ms
...
... google.com ping statistics ...
3 packets transmitted, 3 received, 0% packet loss, time 2001ms
rtt min/avg/max/mdev = 67.683/152 170/240 0.000/70 399 ms
```

## FORMAT 4

## Student's Daily Log Book

|   |                    |
|---|--------------------|
| Day-  | Date:              |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

### File Upload

Step 1:- Open the kali Linux & Enter the ifconfig  
to find the IP Address

```

File Actions Edit View Help
File (Ctrl+L) Edit (Ctrl+I) (-)
S dctrl
Sunday 07 May 2023 07:47:57 AM IST
( kali㉿kali: ~ )
└── ifconfig
    eth0: Flags=4163<UP,BROADCAST,RUNNING,MULTICAST
        MTU 1500
        inet 192.168.32.135 brd 192.168.32.255 netmask 255.255.255.0
            broadcast 192.168.32.255
            inet6 fe80::20c:29ff:fe34:19f2%eth0 brd fe80::ff:29ff:fe34:19f2
                scopeid 0x20
                    ether 00:0c:29:34:19:f2 txqueuelen 100
                    o (Ethernet)
                        RX packets 2 bytes 402 (402.0 B)
                        RX errors 0 dropped 0 overruns 0 frame 0
                        TX packets 32 bytes 3890 (3.7 kB)
                        TX errors 0 dropped 0 overruns 0 collisions 0
    ens3: Flags=4163<UP,BROADCAST,RUNNING,MULTICAST
        MTU 1500
        inet 192.168.32.255 brd 192.168.32.255 netmask 255.255.255.0
            broadcast 192.168.32.255
            inet6 fe80::20c:29ff:fe34:19f2%ens3 brd fe80::ff:29ff:fe34:19f2
                scopeid 0x20
                    ether 00:0c:29:34:19:f2 txqueuelen 100
                    o (Ethernet)
                        RX packets 2 bytes 402 (402.0 B)
                        RX errors 0 dropped 0 overruns 0 frame 0
                        TX packets 32 bytes 3890 (3.7 kB)
                        TX errors 0 dropped 0 overruns 0 collisions 0

```

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Step 2:- Open the Metasploit & Enter the ifconfig to find the ip Address

```
metasploitable:~$ ifconfig
Link encap:Ethernet HWaddr 00:0c:29:65:a9:c0
inet addr:192.168.32.129 Bcast:192.168.32.255 Mask:255
inet6 addr: fe80::2c0:29ff:fe65:a9c%1 Scope:Link
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:44 errors:0 dropped:0 overruns:0 frame:0
TX packets:92 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:4909 (4.7 kB) TX bytes:11013 (10.7 kB)
Interrupt:17 Base address:0x2000

Link encap:Local Loopback
inet addr:127.0.0.1 Mask:255.0.0.0
inet6 addr: ::1/128 Scope:Host
UP LOOPBACK RUNNING MTU:16436 Metric:1
RX packets:119 errors:0 dropped:0 overruns:0 frame:0
TX packets:119 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:31933 (31.1 kB) TX bytes:31933 (31.1 kB)
```

Step 3:- use that Metasploit ip Address & open the firefox Browser from Kali Linux & paste the ip Address On firefox Browser then click on DVWA



## FORMAT 4

## Student's Daily Log Book

|   |                    |
|---|--------------------|
| Day-  | Date:              |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |

Remarks of the Training supervisor:

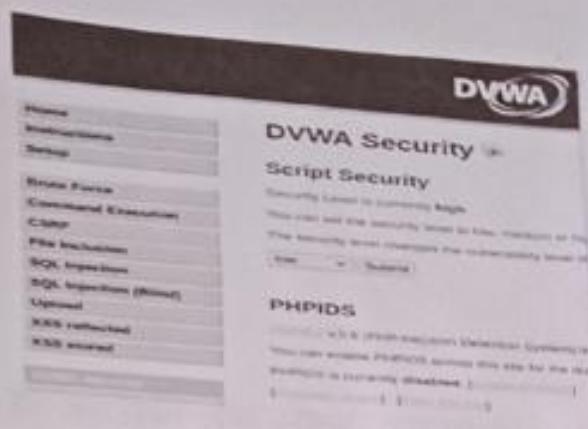
Record Main actives of the day (including observation, sketches, discussions, etc)

Step 4:- It's Open the DVWA Screen then Enter  
Username as admin & password as password  
Then click on Login

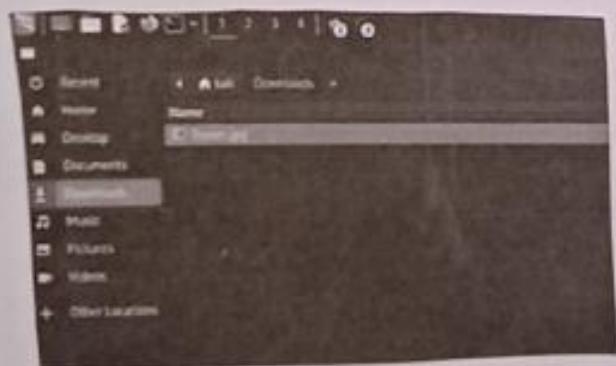


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Step 5 :- click On DVWA Security & Set the Security Level to low then click on Submit



Step 6 :- Download the image On Kali Linux folder



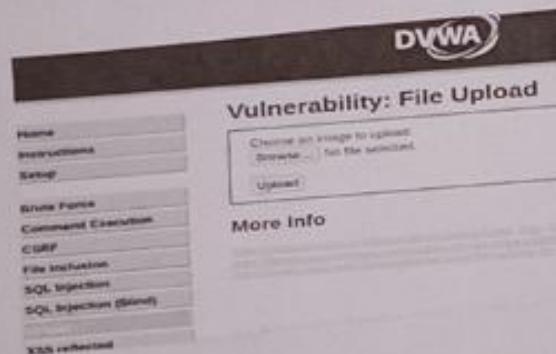
## FORMAT 4

## Student's Daily Log Book

|   |                    |
|---|--------------------|
| Day-  | Date:              |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

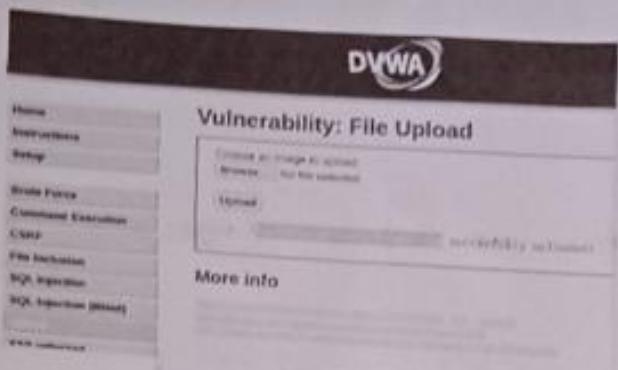
Record Main actives of the day (including observation, sketches, discussions, etc)

Step 4:- click on the Upload Option & click on  
Browser Delete the image then click on upload

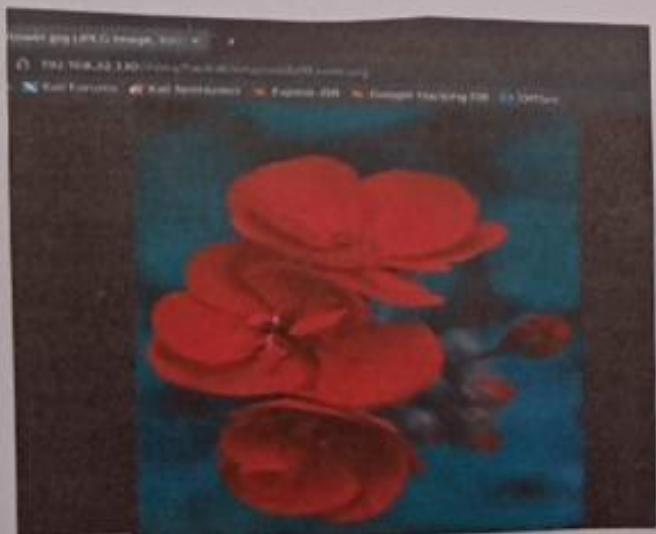


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Step 8:- After clicking the upload button copy the path like hackable/upload/flower.jpg



Step 9:- Paste the path on URL then you can see selected image.



## FORMAT 4

## Student's Daily Log Book

|   |                    |
|---|--------------------|
| Day-  |                    |
| Time of Arrival:                                      | Date: 09/05/2023   |
| Dept/Division:  | Time of Departure: |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

Privilege Escalation Means Non Admin user can become the Admin user By providing Necessary information Such as Astro id, Session id, Username And password etc... ,

\* Escalation Means Reporting

\* Privilege Means Set of Rights To Access the other User Session id, password & etc.. ,

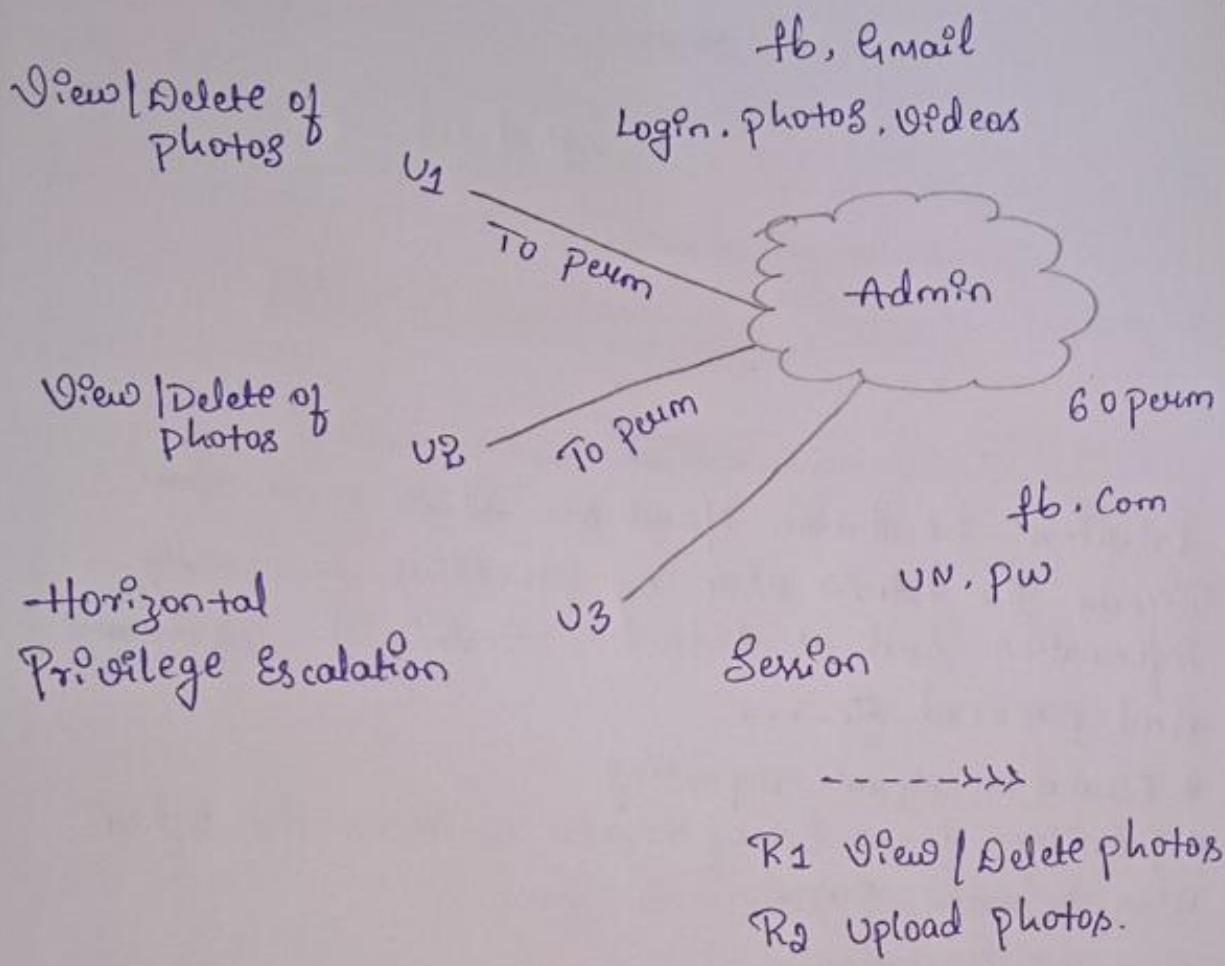
### Types of Escalation:-

Vertical Escalation

Horizontal Escalation

Vertical Escalation Means Non Admin user can Become the Admin user By Searching the Session id of Admin user & Copying same with the Normal user.

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## FORMAT 4

## Student's Daily Log Book

|   |                   |
|---|-------------------|
| Day-  | Date:             |
| Time of Arrival:                                      | Time of Departure |
| Dept/Division:  | Nature of work    |
| Name of the Supervisor With designation and email ID: |                   |
| Remarks of the Training supervisor:                   |                   |

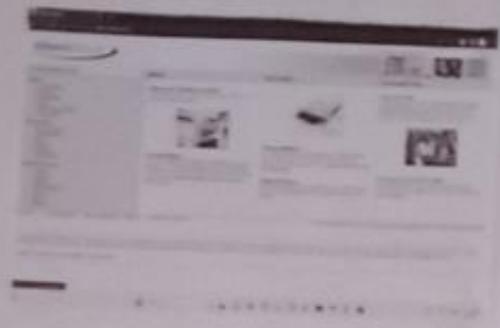
Record Main actives of the day (including observation, sketches, discussions, etc)

Step1 :- Open the Browser & Search [altoromutual.com](http://altoromutual.com)

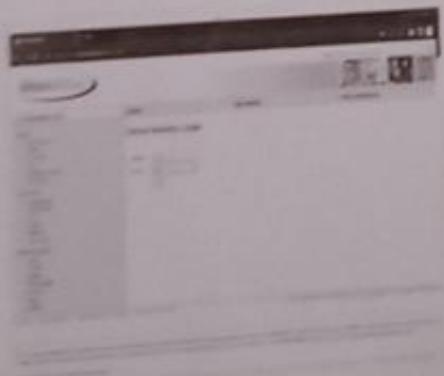


Signature of Industry Supervisor

Step 2 : click on Sign in Option



Step 3 : Enter the username as admin and password also admin then click On Login Option.



## FORMAT 4

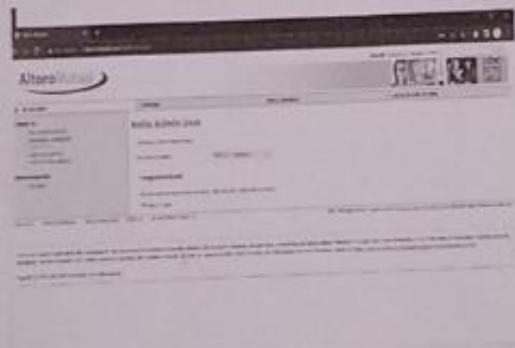
## Student's Daily Log Book

|   |                    |
|---|--------------------|
| Day-  | Date:              |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |

Remarks of the Training supervisor:

Record Main actives of the day (including observation, sketches, discussions, etc)

Step 4 :- Then click On Transfer funds.

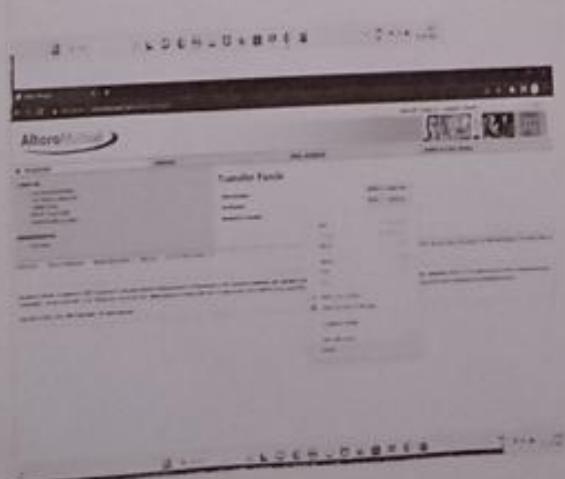


Signature of Industry Supervisor

Step 5:- Enter the Amount to Transfer then click On Transfer Money.



Step 6:- Then Right click and Select Inspect



## FORMAT 4

## Student's Daily Log Book

|   |                    |
|---|--------------------|
| Day-  | Date:              |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

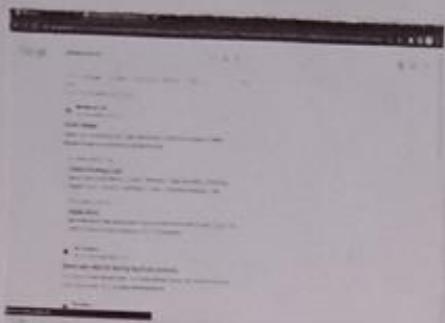
Record Main actives of the day (including observation, sketches, discussions, etc)

Step 4:- Select the Network and click On webpage  
 then Select do.Transfer then click on cookies and  
 It Shows the Session id and copy the Session id  
 and put it on Notepad.

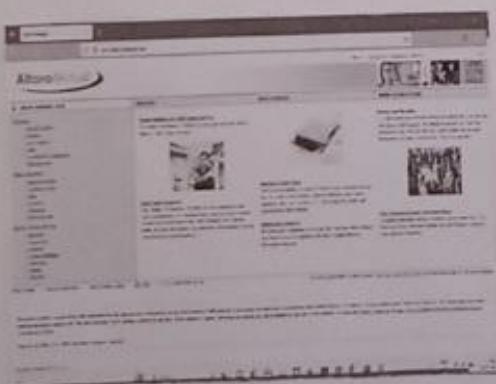


Signature of Industry Supervisor

Step 8 :- Open Google and Search [allianzmutual.com](http://www.allianzmutual.com)



Step 9 :- Then click On Sign in Option.



**FORMAT 4**

**Student's Daily Log Book**

|   |                    |
|---|--------------------|
| Day-  | Date:              |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

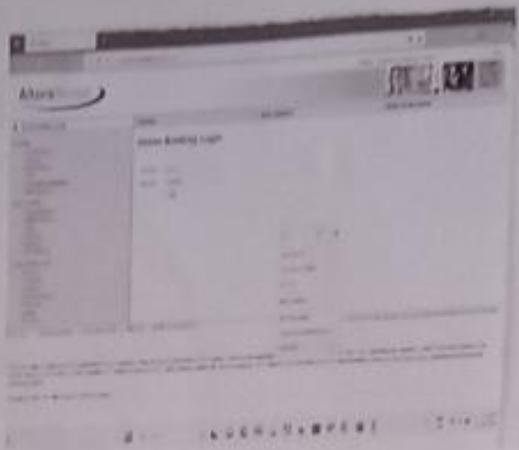
Record Main actives of the day (including observation, sketches, discussions, etc)

Step 10:- Enter Username jsmith and Give password  
demol234 and click On Login Option

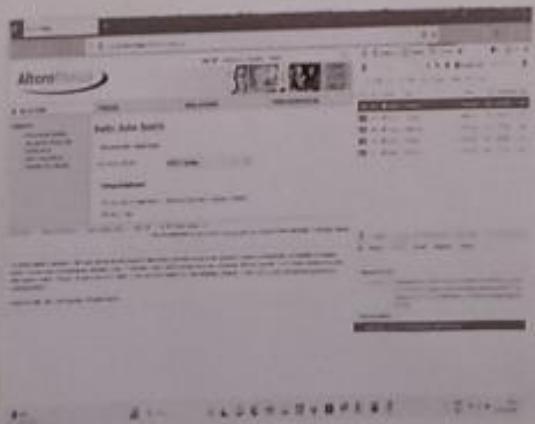


Signature of Industry Supervisor

Step 11 :- Then right click And Select Inspect



Step 12 :- Then click On View Summary and click Network  
And Select Main.jsp and it shows jsmith Session id &  
copy the Session id and put it on notepad.....



## FORMAT 4

## Student's Daily Log Book

|   |                    |
|---|--------------------|
| Day-  | Date:              |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

Step 13 :- Then Open New Tab and Search the Firefox  
Cookie Manager

Step 14 :- And Select the Second Option....



Signature of Industry Supervisor

Step 15:- click On Add to firefox



Step 16:- Then click On cookies and Select the Search  
cookies for www.attoromutual.com



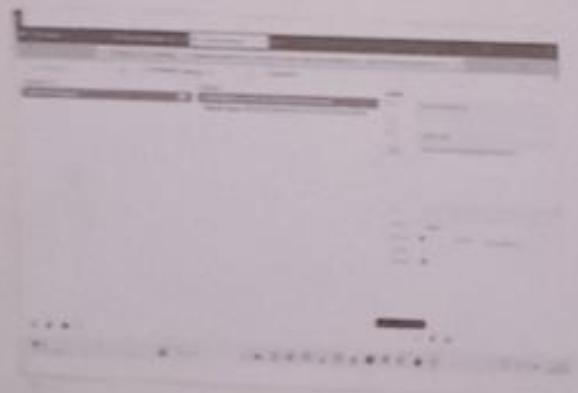
## FORMAT 4

## Student's Daily Log Book

|   |                    |
|---|--------------------|
| Day-  | Date:              |
| Time of Arrival:                                      | Time of Departure: |
| Dept/Division:  | Nature of work:    |
| Name of the Supervisor With designation and email ID: |                    |
| Remarks of the Training supervisor:                   |                    |

Record Main actives of the day (including observation, sketches, discussions, etc)

Step 1 :- click On Edit And then copy the lesson id Admin User to jsmith user.



Signature of Industry Supervisor

Step 18:- We can observe Session Got change from jsmith user to Admin user.

