Practical-13
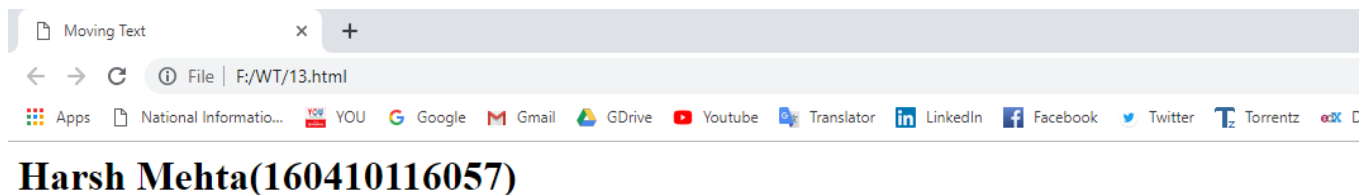
a) Create an HTML page with JavaScript, in which a text should move with mouse cursor.

```html
<html>
<head>
   <title>Moving Text</title>
   <script type="text/javascript">
        function mouse(){
               tempx=0;
               tempy=0;

               var element=document.getElementById("X");
               document.onmousemove=function getmousexy(){
                      if(true)
                      {
                             tempx=event.clientX;
                             tempy=event.clientY;
                      }
                      element.style.marginLeft=tempx;
                      element.style.marginTop=tempy;
               }
        }
   </script>
</head>
<body onload="mouse()">
<h1>Harsh Mehta(160410116057)</h1>
<div id="X">
   <h1>Breaking News</h1>
        Air Strike in POK by IAF.
</div>
</body>
</html>
```

Output:

Practical-14

a) Create a page using java script HTML DOM, which contains following fields: –Name– Address – Gender –Occupation & Submit button.

```html
<html>
<head>
    <script type="text/javascript">
        function method1()
        {
            //document.write("Submited Successfully");
            fl=0;
            if(document.f1.f_name.value=="")
                {alert("Error: Write Name...");}
            if(document.f1.Add.value=="")
                {alert("Error: Write Address...");}
            var gen=document.f1.G;
            fl=0;
            for(i=0;i<gen.length;i++)
            {
                if(gen[i].checked)
                    fl=1;
            }
            if(fl==0)
                {alert ("Error: please Select Gender");}
            fl=0;
            var Occu= document.f1.O;
            for(i=0;i<Occu.length;i++)
            {
                if(Occu[i].checked)
                    fl=1;
            }
            if(fl==0)
            {alert("Error: please Select Occupation");}
        }
    </script>
</head>
<body>
<h1>Harsh Mehta(160410116057)</h1>
    <form name="f1" onSubmit="method1()">
    <fieldset><legend>Fill The Form</legend>
        Enter Name:<input type="text" name="f_name">
        <br><br>
        Enter Address:<input type="textarea" rows="5" cols="5"
name="Add">
        <br>
        <br><br>
        Gender:<input type="radio" name="G">Male
            <input type="radio" name="G">Female
        </input>
        <br>
        Occupation:
```

```
                           <input type="checkbox" name="O">Self-
employeed</input>
                           <input type="checkbox" name="O">Job</input>
                           <input type="checkbox" name="O">Student</input>
        <br><br
    <input type="Submit" value="Submit" name="b1">
    <input type="reset" value="reset">
</fieldset>
    </form>
</body>
</html>
```

Output:

Practical-15

a) Create a simple XML page with DTD.

memo.xml

```xml
<?xml version="1.0"?>
<!DOCTYPE memo [
      <!ELEMENT memo (to,from,title,msg)>
      <!ELEMENT to (#PCDATA)>
      <!ELEMENT from (#PCDATA)>
      <!ELEMENT title (#PCDATA)>
      <!ELEMENT msg (#PCDATA)>
]>
<memo>
      <to>Harsh</to>
      <from>Mehta</from>
      <title>Regarding income</title>
      <msg>Refund provided</msg>
</memo>
```
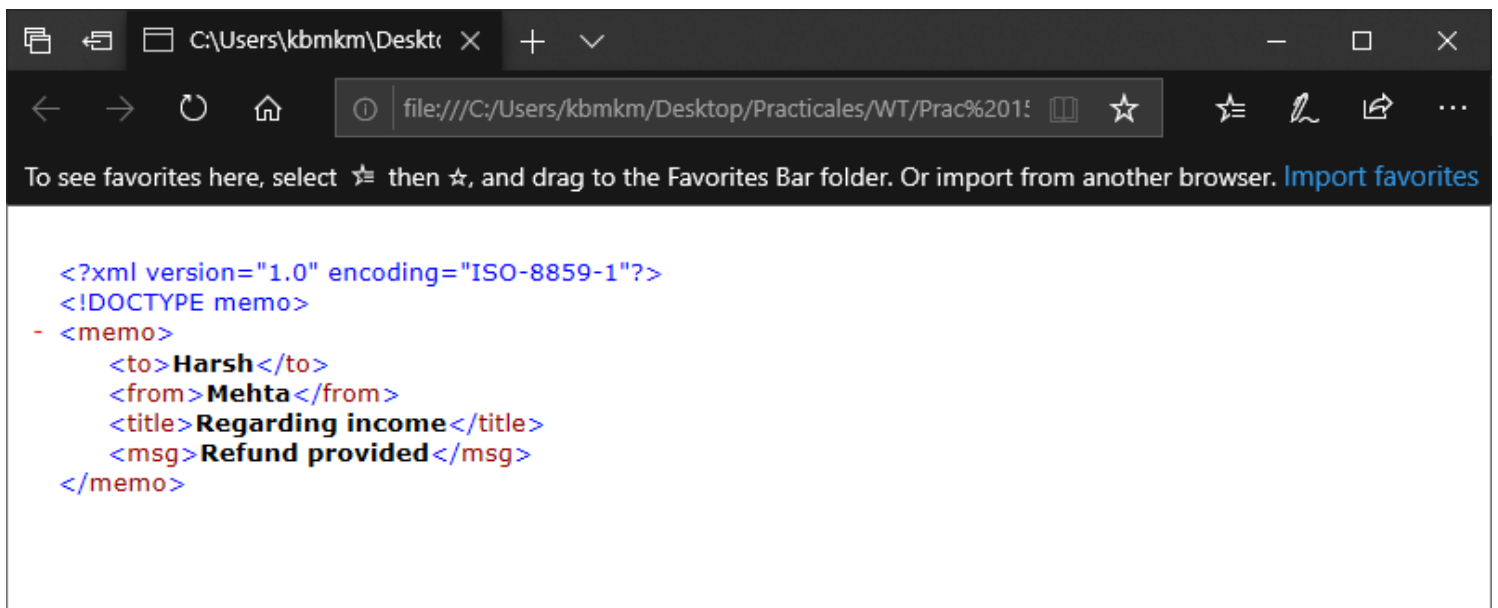
Output:

b)

abc.xsl

```xml
<?xml version="1.0"?>
<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:template match="/">
<html>
<body>
<h1>Harsh Mehta(160410116057)</h1>
    <table border="2">
    <tr>
        <th>Title</th>
        <th>Author</th>
    </tr>
    <xsl:for-each select="lib/book">
    <tr>
        <td><xsl:value-of select="title" /></td>
        <td><xsl:value-of select="author" /></td>
    </tr>
    </xsl:for-each>
    </table>
</body>
</html>
</xsl:template>
</xsl:stylesheet>
```

lib.xml

```xml
<?xml version="1.0"?>
<?xml-stylesheet type="text/xsl" href="abc.xsl"?>
<lib>
    <book>
        <title>ABC</title>
        <author>XYZ</author>
    </book>
    <book>
        <title>DEF</title>
        <author>UVW</author>
    </book>
    <book>
        <title>ABC</title>
        <author>XYZ</author>
    </book>
</lib>
```

Output:

Harsh Mehta(160410116057)

Title	Author
ABC	XYZ
DEF	UVW
ABC	XYZ