write a web page that determines the pays and taxes on a paycheck.

Provide the following controls to get the following information from an accountant:
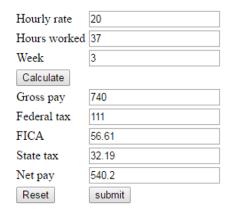
● Hourly rate (label and textbox) – the employee's wage. Ensure that the rate is between $10-30 per hour.

● Hours worked (label and textbox) – the number of hours worked per week. Ensure that the hours worked is between 15-45 hours per week.

● Week (label and input control) – the week the paycheck covers. Provide controls to display the following outputs:

● A button to perform the calculations.

● Gross pay (label and textbox) – use formula hourly rate * time worked.

● Federal tax (label and textbox) – use formula gross pay * 0.15.

● FICA (Social Security and Medicare) tax (label and textbox) – use formula gross pay * 0.0765.

● State tax (label and textbox) – use formula gross pay * 0.0435.

HTML PAGE:

```
<html>

<head>

<header>

<H1>

Pay and Tax calculator

</H1>

</header>

<script type='text/javaScript'>

function calculate()

  {

  document.getElementById('grp').value = document.getElementById('hrw').value *
document.getElementById('hrr').value;

  document.getElementById('fed').value = document.getElementById('hrw').value *
document.getElementById('hrr').value * 0.15;

  document.getElementById('fi').value = document.getElementById('hrw').value *
document.getElementById('hrr').value * 0.0765;
```

```
    document.getElementById('st').value = document.getElementById('hrw').value *
document.getElementById('hrr').value * 0.0435;

    document.getElementById('nt').value = document.getElementById('hrw').value *
document.getElementById('hrr').value - (document.getElementById('hrw').value *
document.getElementById('hrr').value * 0.15) - (document.getElementById('hrw').value *
document.getElementById('hrr').value * 0.0765) - (document.getElementById('hrw').value *
document.getElementById('hrr').value * 0.0435);

    }

</script>

</head>

<body>

<form name="form1" method="get" action="http://www.tipjar.com/cgi-bin/test">

<table>

<tr><td>

Hourly rate</td><td> <input type='text' name='Hourly rate' id='hrr' onchange="if
(document.getElementById('hrr').value <10 || document.getElementById('hrr').value > 30){alert('Invalid
Hourly Rate'); document.getElementById('hrr').value = '';} "/></td></tr>

<tr><td>Hours worked</td><td> <input type='text' name='Hours worked' id='hrw' onchange="if
(document.getElementById('hrw').value <15 || document.getElementById('hrw').value > 45){alert('Invalid
Hours worked'); document.getElementById('hrw').value = '';}" /></td></tr>

<tr><td>Week</td><td> <input type='text' name='Week' id='week'/></td></tr>

<tr><td><input type='button' value='Calculate' onclick='calculate()'> </td><td></td></tr>

<tr><td>Gross pay</td><td> <input type='text' name='Gross pay' id='grp'/></td></tr>

<tr><td>Federal tax</td><td> <input type='text' name='Federal tax' id='fed'/></td></tr>

<tr><td>FICA </td><td> <input type='text' name='FICA' id='fi'/></td></tr>

<tr><td>State tax</td><td> <input type='text' name='State tax'    id='st'/></td></tr>

<tr><td>Net pay</td><td> <input type='text' name='Net pay' id='nt'/></td></tr>

<tr><td><input type='reset' value='Reset'> </td><td>

<input type='submit' value='submit'> </td></tr>

</table>
```

</form>

<footer>

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</footer>

</body>

</html>

Output:

Pay and Tax calculator

Hourly rate	20
Hours worked	37
Week	3

[Calculate]

Gross pay	740
Federal tax	111
FICA	56.61
State tax	32.19
Net pay	540.2

[Reset] [submit]