Name of Student: Aman Srivastava

Reg. No.: 20BCE10873

Slot: Internet and web programming

**Experiment-1: Design the periodic table using HTML5 & CSS3**

**HTML CODE**

<h4>Name of Student: Aman Srivastava</h4>

<h4>Reg No.: 20BCE10873</h4>

<!DOCTYPE html>

<html>

<head>

    <title> Periodic Table </title>

    <link rel="stylesheet" type="text/css" href="table.css">

</head>

<body>

    <section>

    <div id="menu"> The Periodic Table </div>

        <div id="container">

        <div id="panelOne">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Hydrogen"> H </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Lithium"> Li </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Sodium"> Na </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Potassium"> K </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Rubidium"> Rb </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Caesium"> Cs </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Francium"> Fr </a></div>

        </div>

        <div id="panelTwo">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Beryllium"> Be </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Magnesium"> Mg </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Calcium"> Ca</a> </div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Strontium"> Sr </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Barium"> Ba </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Radium"> Ra </a></div>

        </div>

        <div id="panelThree">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Scandium"> Sc</a> </div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Yttrium"> Y </a></div>

            <div class="box"><a href="#"> \* </a></div>

            <div class="box"><a href="#"> \* </a></div>

        </div>

        <div id="panelThree">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Titanium"> Ti </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Zirconium"> Zr </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Hafnium"> Hf </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Rutherfordium"> Rf </a></div>

        </div>

        <div id="panelThree">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Vanadium"> V </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Niobium"> Nb </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Tantalum"> Ta </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Dubnium"> Db </a></div>

        </div>

        <div id="panelThree">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Chromium"> Cr </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Molybdenum"> Mo </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Tungsten"> W</a> </div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Seaborgium"> Sg</a> </div>

        </div>

        <div id="panelThree">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Manganese"> Mn</a> </div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Technetium"> Tc </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Rhenium"> Re </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Bohrium"> Bh </a></div>

        </div>

        <div id="panelThree">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Iron"> Fe </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Ruthenium"> Ru </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Osmium"> Os </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Hassium"> Hs </a></div>

        </div>

        <div id="panelThree">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Cobalt"> Co </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Rhodium"> Rh</a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Iridium"> Ir</a> </div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Meitnerium"> Mt </a></div>

        </div>

        <div id="panelThree">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Nickel"> Ni </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Palladium"> Pd </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Platinum"> Pt </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Darmstadtium"> Ds </a></div>

        </div>

        <div id="panelThree">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Copper"> Cu</a> </div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Silver">Ag </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Gold"> Au</a> </div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Roentgenium"> Rg</a> </div>

        </div>

        <div id="panelThree">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Zinc"> Zn</a> </div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Cadmium"> Cd</a> </div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Mercury"> Hg</a> </div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Copernicium"> Cn</a> </div>

        </div>

        <div id="panelTwo">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Boron"> B </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Aluminium"> Al</a> </div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Gallium"> Ga</a> </div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Indium"> In </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Thallium"> Ti </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Ununtrium"> Uut </a></div>

        </div>

        <div id="panelTwo">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Carbon"> C</a> </div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Silicon"> Si</a> </div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Germanium"> Ge</a> </div>

            <div class="box"> <a href="http://en.wikipedia.org/wiki/Tin">Sn</a> </div>

            <div class="box"> <a href="http://en.wikipedia.org/wiki/Lead">Rb</a> </div>

            <div class="box"> <a href="http://en.wikipedia.org/wiki/Flerovium">Fl</a> </div>

        </div>

        <div id="panelTwo">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Nitrogen">N </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Phosphorus">P </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Arsenic">As</a> </div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Antimony">Sb </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Bismuth"> Bi</a> </div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Ununpentium"> Uup</a> </div>

        </div>

        <div id="panelTwo">

            <div class="box"> <a href="http://en.wikipedia.org/wiki/Oxygen">O</a> </div>

            <div class="box"> <a href="http://en.wikipedia.org/wiki/Sulfur">S </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Selenium"> Se</a> </div>

            <div class="box"> <a href="http://en.wikipedia.org/wiki/Tellurium">Te</a> </div>

            <div class="box"> <a href="http://en.wikipedia.org/wiki/Polonium">Po </a></div>

            <div class="box"> <a href="http://en.wikipedia.org/wiki/Livermorium">Lv </a></div>

        </div>

        <div id="panelTwo">

            <div class="box"> <a href="http://en.wikipedia.org/wiki/Fluorine">F </a></div>

            <div class="box"> <a href="http://en.wikipedia.org/wiki/Chlorine">Cl</a> </div>

            <div class="box"> <a href="http://en.wikipedia.org/wiki/Bromine">Br</a> </div>

            <div class="box"> <a href="http://en.wikipedia.org/wiki/Iodine">I </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Astatine"> At </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Ununseptrium"> Uus</a> </div>

        </div>

        <div id="panelOne">

            <div class="box"> <a href="http://en.wikipedia.org/wiki/Helium">He </a></div>

            <div class="box"> <a href="http://en.wikipedia.org/wiki/Neon">Ne</a> </div>

            <div class="box"> <a href="http://en.wikipedia.org/wiki/Argon">Ar </a></div>

            <div class="box"> <a href="http://en.wikipedia.org/wiki/Krypton">Kr </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Xenon"> Xe </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Radon"> Rn </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Ununoctium"> Uuo </a></div>

        </div>

    </div>

    <div id="clear"></div>

    <div id="lowerContainer">

        <div class="bottom">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Lanthanum"> La </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Actinium"> Ac </a></div>

        </div>

        <div class="bottom">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Cerium"> Ce </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Thorium"> Th </a></div>

        </div>

        <div class="bottom">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Praseodymium"> Pr </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Protactinium"> Pa </a></div>

        </div>

        <div class="bottom">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Neodymium"> Nd</a> </div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Uranium"> U </a></div>

        </div>

        <div class="bottom">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Promethium"> Pm </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Neptunium"> Np </a></div>

        </div>

        <div class="bottom">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Samarium"> Sm </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Plutonium"> Pu </a></div>

        </div>

        <div class="bottom">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Europium"> Eu </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Americium"> Am </a></div>

        </div>

        <div class="bottom">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Gadolinium"> Gd </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Curium"> Cm </a></div>

        </div>

        <div class="bottom">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Terbium"> Tb</a> </div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Berkelium"> Bk</a> </div>

        </div>

        <div class="bottom">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Dysprosium"> Dy </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Californium"> Cf </a></div>

        </div>

        <div class="bottom">

            <div class="box"> <a href="http://en.wikipedia.org/wiki/Holmium">Ho </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Einsteinium"> Es</a> </div>

        </div>

        <div class="bottom">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Erbium"> Er </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Fermium"> Fm</a> </div>

        </div>

        <div class="bottom">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Thulium"> Tm </a></div>

            <div class="box"> <a href="http://en.wikipedia.org/wiki/Mendelevium">Md </a></div>

        </div>

        <div class="bottom">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Ytterbium"> Yb </a></div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Nobelium"> No</a> </div>

        </div>

        <div class="bottom">

            <div class="box"><a href="http://en.wikipedia.org/wiki/Lutetium"> Lu</a> </div>

            <div class="box"><a href="http://en.wikipedia.org/wiki/Lawrencium"> Lr</a> </div>

        </div>

    </div>

    </section>

</body>

**CSS CODE**

html{

    font-size: 16px;

    font-family: 'Open Sans Condensed', sans-serif;

}

body{

    background-image: url("bg.png");

}

#menu{

    width: 400px;

    margin: 0px auto;

    text-shadow: 1px 1px 1px #000;

    font-size: 40px;

}

section {

    max-width: 1064px;

    margin: 0px auto;

    overflow: hidden;

    min-width: 300px;

}

#infoContainer {

    position: absolute;

    left: 43%;

    width: 500px;

    top: 78px;

    text-align: center;

    margin-left: -250px;

}

#container {

width: 100%;

}

#container:before,

#container:after {

    content:"";

    display:table;

}

#container:after {

    clear:both;

}

/\* For IE 6/7 (trigger hasLayout) \*/

#container {

    zoom:1;

}

.box{

    border: 1px solid black;

    padding: 20%;

    text-align: center;

    font-size: 1.63em;

    -webkit-box-sizing: border-box;

    -moz-box-sizing: border-box;

    box-sizing: border-box;

    -webkit-border-radius: 3px;

    -moz-border-radius: 3px;

    border-radius: 3px;

    margin: 2px;

    -webkit-box-shadow: 1px 1px 1px #ccc;

    -moz-box-shadow: 1px 1px 1px #ccc;

    box-shadow: 1.5px 2px 2px #000;

    text-shadow: 1px 1px 1px #ccc;

}

.box a{

    text-decoration: none;

    color: inherit;

}

.box:hover{

    box-shadow: 1px 1px 1px #ccc;

    cursor: pointer;

    text-shadow: 1px 1px 1px #000;

}

#panelOne{

    float: left;

    width: 5.5556%;

}

#panelTwo{

    float: left;

    width: 5.5556%;

    margin-top: 6%;

}

#panelThree{

    float: left;

    width: 5.5556%;

    margin-top: 18%;

}

#lowerContainer{

    float: right;

    margin-top:1%;

    width: 80%;

}

.bottom{

    float: left;

    width: 6.66666667%;

}

@media screen and (max-width: 1000px){

    #panelTwo{

        margin-top: 6.3%;

    }

    #panelThree{

        margin-top: 18.9%;

    }

}

@media screen and (max-width: 900px){

    #panelTwo{

        margin-top: 6.8%;

    }

    #panelThree{

        margin-top: 20.5%;

    }

}

@media screen and (max-width: 800px){

    .box{

        font-size: 1em;

    }

    #panelTwo{

        margin-top: 5.7%;

    }

    #panelThree{

        margin-top: 17%;

    }

}

@media screen and (max-width: 700px){

    #panelTwo{

        margin-top: 6.2%;

    }

    #panelThree{

        margin-top: 19%;

    }

}

@media screen and (max-width: 550px){

    .box{

        font-size: .5em;

    }

        #panelTwo{

        margin-top: 5.5%;

    }

    #panelThree{

        margin-top: 15.8%;

    }

    #menu{

        width: 300px;

        font-size: 28px;

    }

    #infoContainer {

        top: 50px;

    }

}

@media screen and (max-width: 400px){

        #panelTwo{

        margin-top: 7.3%;

    }

    #panelThree{

        margin-top: 21.6%;

    }

}

#clear{

    clear: both;

}

**PERIODIC TABLE PICTURE**

