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CS240

Unit 3: Homework

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# Homework 5: Format a Web Page with CSS Style Rules and Tables

*Complete Case Study 5-11 which is a A Downtown Store’s Electrical Generation and Consumption. Figure 5-11 shows a preview of the web page.*

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8" />

<meta name="description" content="Unit 3">

<meta name="keywords" content="Homework 5, HTML">

<meta name="author" content="Michael Redford">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Mike’s Garage Sale</title>

<link rel="stylesheet" href="css/hw4.css">

<style>

.center {

Display: flex; justify-content: center;

}

Table {border-collapse: collapse;}

Th, td {

Border: thin solid;

Padding: 2px 5px;

}

Td:nth-child(3), td:nth-child(4) {

Text-align: right;

}

.row {

Display: table-row;

}

.cell {

Display: table-cell;

Width: 40%;

Padding: 0px 20px;

Text-align: justify;

}

</style>

<body>

<h2> Mike’s New Garage Sale Compound </h2>

<div class=”row”>

<div class=”cell”>

<p class="cell">We’ve were able to secure the largest lot in Douglasville, GA!</p>

</div>

<div class=”cell”>

Each section( Tech, clothes, toys, etc.) is 50 by 50 feet! There are bigger properties

in Douglasville but most don't match

</div>

<h2>We're back with Green Technology</H2>

<p>This year we're using Solar power to power all our power needs for the event! This switch is amazing and we're here to have more people on board to </p>

</div>

<div class="center">

<table>

<caption><h3> This year's power Consumption

</h3></caption>

<tr><th>Component Description</th><th>Overall Size</th><th>Noon

Power</th><th>Installed Cost</th></tr>

<tr><td>PV Solar Collectors</td><td>137 m<sup>2</sup> panel area

</td><td>+15 kW</td><td>$45,000</td></tr>

<tr><td>Electrical Consumption</td><td>274 m<sup>2</sup> floor area

</td><td>-5 kW</td><td> </td></tr>

<tr><td>Battery Storage</td><td>1.3 m x 1.0 m x 1.1 m high, 1250kg

</td><td>-6 kW</td><td>$6000</td></tr>

</table>

</div>

<footer>Hopefully this helped you figure out </footer>

</body>

HW4.css

/\* Rules for all web pages \*/

body {

background-color: #9ba0bc;

padding: 10px;

}

h1, h2 {

color: white;

margin: 0px;

background-color: #a9ddd6;

padding: 10px;

text-align: center;

}

p {

color: white;

background-color: #c1b8c8;

padding: 0px 20px;

text-align: justify;

}

/\* Rules for interpage navigation \*/

nav ul {

list-style-type: none;

text-align: center;

padding-left: 0px;

}

nav li {

display: inline-block;

padding: 0px 4px 2px 4px;

margin: 2px 4px 2px 4px;

background-color: #9ba0bc;

border: outset;

border-color: #ffffff;

}

nav a {text-decoration: none;}

/\* Rule for form's input styles \*/

input {margin: 2px 15px 2px 2px;}

# Homework 6: Format a Web Page with Embedded Style Rules

*Complete Case Study 6-11 which is the Local Energy and Home Page with Website Navigation. This page describes some of the technology and benefits of local energy generation and storage. Then we present a home page for the case study website that includes links to the new local energy web page, plus links to web pages introduced in earlier chapters’ case study sections. You will be working with links and lists throughout the activity.*

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8" />

<meta name="description" content="Unit 3">

<meta name="keywords" content="Homework 6, HTML">

<meta name="author" content="Michael Redford">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Mike’s Garage Sale</title>

<style>

Img {float: right; margin-left: 20px; width: 30%;}

p {background-color: #FF82A9;}

body {background-color: #7F95D1;}

h2 {color: white;}

h3 {background-color: #FF82A9;}

</style>

</head>

<body>

<h2> Mike’s Garage Sale, The best Garage Sale in Georgia</h2>

<section>

<h3>Benefits of Solar Power</h3>

<p>

"Solar Power Causes Less Electricity Loss. Electricity needs to be transported from big power plants to end-consumers via extensive networks.

Long distance transmissions equal power losses. Ever wondered what are solar panels used for?

They’re on your roof to get energy from the sun.

Rooftop solar power is helpful in increasing electricity efficiency, considering the short distance."

<a href=”https://www.greenmatch.co.uk/blog/2014/07/7-reasons-why-you-should-use-solar-power”>Source</a>

</p>

</section>

<section>

<h3>Location Benefits</h3>

<img src=sale.jpg alt=”Garage”>

<p>Our location puts in a great spot to Maximize collection of solar power.</p>

</section>

</body>