# Chapter 1

# Getting Started with HTML

## Activity 1.1: Creating a Web Page

### Problem Statement

You are a Web developer at BuildYourWeb Inc. You have been assigned the task of creating the home page for ShowOnWheels. The home page should be based on the following guidelines:

* It should display the organization logo.
* It should display some text describing about the company in paragraphs.
* It should also display names of various US cities, where ShowOnWheels is currently operating, in a list. This list should unfold when a user clicks the Currently Operating in text.
* It should provide links to other pages, such as About Us, Contact Us, and Upcoming Movies.
* It should display the images of latest movies.
* It should display a video clip showing the latest offers.
* It should link a style sheet.
* It should display the contact number so that users can call to enquire about any upcoming movie.

**Prerequisite**: You need the **ExternalStylesheet**, **images**, and **video** folders, which contain the style sheet, images, and video clip required for performing this activity. In addition, you need the **aboutus.html**, **contactus.html**, and **upcomingmovies.html** files. Ask your faculty to provide the same and save these files and folders at the following location:

**D:\HTML\ShowOnWheels**

### Solution

To create the required Web page, you need to perform the following tasks:

1. Create the home page.
2. Add heading and logo to the home page.
3. Create the links.
4. Add images and a video clip.
5. Add paragraphs and a list of cities.
6. View the home page.

#### Task 1: Creating the Home Page

To create the home page, you need to perform the following steps:

1. Open **Notepad** and type the following code in it:

<HTML>

<HEAD>

<TITLE>Home Page of ShowOnWheels</TITLE>

<LINK type="text/css" rel="stylesheet" href="ExternalStylesheet\homestylesheet.css" />

</HEAD>

<BODY>

</BODY>

</HTML>

1. Save the file with the name **home.html** at the same location where you have saved other input files.

You need to create the ***ShowOnWheels*** folder at the location, ***D:\HTML*** before performing this activity.

#### Task 2: Adding Heading and Logo to the Home Page

To add heading and logo to the home page, you need to add the following code snippet in the **home.html** file after the <BODY> tag:

<DIV id="mainDivContainer" style="position: relative; width: 100%;

margin-top: 0px; margin-bottom: 0px;">

<DIV style="width: 960px; margin-top: 5px; margin-left: auto; margin-right:auto">

      <DIV style="width: 960px; height:80px;">

      <IMG id="logo" src="images\Logo.png" width="500" height="100">

      <H5>For Enquiry<BR>

        Call Us 9225648543

      </H5>

      <IMG id="callus" src="images\callus.png">

</DIV>

<DIV style="width:500px; height:20px; float:left; text-align:center;">

      <SPAN class="auto-style1"><B>The Ultimate Way For Booking Movie Tickets</B></SPAN>

</DIV>

The preceding code snippet divides the home page into sections using the <DIV> tag and adds heading of level H5 on the home page. In addition, it adds the images, Logo.png and callus.png, on the home page using the <IMG> tag.

#### Task 3: Creating the Links

To create the links on the home page, you need to add the following code snippet before the </DIV> tag:

<DIV id="topnav" style="float:left; width: 960px; height: 20px; word-spacing: 5px; font-size: 90%; padding-left:60px; padding-top: 6px; white-space: nowrap; text-align:left; background-color: black;">

      <NAV>

        <A href="home.html">Home</A> |

        <A href="aboutus.html">About Us</A> |

        <A href="contactus.html">Contact Us</A> |

        <A href="upcomingmovies.html">Upcoming Movies</A> |

     </NAV>

   </DIV>

The preceding code snippet creates a navigation bar of links, About Us, Contact Us, and Upcoming Movies, using the <NAV> and <A> tags.

#### Task 4: Adding Images and a Video Clip

To add images and a video clip, you need to add the following code snippet after the </NAV> and </DIV> tags:

<DIV style="width: 960px; height: auto; position: relative; margin:0px; padding: 29px; overflow: hidden; background-color: white;">

    <H4>Currently, showing...</H4>

    <IMG src="images\movieimage1\_bee.png" width="185" height="200">

    <IMG src="images\movieimage2\_alvin.jpg" width="185" height="200">

    <IMG src="images\movieimage3\_amy.jpg" width="185" height="200">

    <IMG src="images\movieimage4\_bolt.jpg" width="185" height="200">

    <IMG src="images\movieimage5\_wolf.jpg" width="185" height="200">

<H3>Latest Hot Offers!!</H3>

<VIDEO width="380" height="268" controls autoplay="autoplay" loop>

<SOURCE src="video\latestOffers.webm" type="video/mp4" />

      Your browser does not support this audio format.

    </VIDEO>

  </DIV>

</DIV>

</DIV>

The preceding code snippet adds images to the home page using the <IMG> tag. In addition, it adds a video using the <VIDEO> tag.

#### Task 5: Adding Paragraphs and a List of Cities

To add paragraphs and a list of cities, you need to perform the following steps:

1. Add the following code snippet after the <IMG src="images\movieimage5\_wolf.jpg" width="185" height="200"> line of code:

<ARTICLE>

      <P>

        ShowOnWheels is an emerging entertainment company in the field of booking online movie tickets in US.

We pioneered cinema halls in US by establishing the first multiplex cinema in 2001 and the largest 9-screen multiplex cinema in 2007.

With its head office in Los Angeles, ShowOnWheels is now serving the viewers of major US cities.

      </P>

      <P>

      Waiting in queues to book tickets for your favorite movie is now a matter of past.

ShowOnWheels empowers you by offering a platform to book movie tickets anywhere, anytime. Whether shopping in a mall, enjoying a vacation at a Miami Beach, partying in a discotheque, attending a conference, or taking your pet for a walk, ShowOnWheels is there to reserve your hot seat in your favorite cinema.

      </P>

    </ARTICLE><BR><BR><BR><BR>

<DETAILS>

     <SUMMARY><B>Currently, operating in:</B></SUMMARY>

      <UL>

       <LI>

        Los Angeles

       <LI>

       Chicago

       <LI>Houston </LI>

      </UL>

     With an annual turnover of US $12 million, ShowOnWheels is expanding its wings. We are launching three new screens in South Africa, shortly.

    </DETAILS>

    <H1>

     <BR>

      Hurry Up! Heavy Discounts on weekends....</H1>

    <ASIDE>

      <P>

       <I><B>ShowOnWheels values its customers. We keep you updated with our new discounts and offers.

        <BR>

          We appreciate your association!</B></I>

      </P>

   </ASIDE>

The preceding code snippet adds paragraphs using the <P>, <ARTICLE>, and <ASIDE> tags. In addition, it adds a list of cities using the <DETAILS> tag.

1. Save the **home.html** file.

#### Task 6: Viewing the Home Page

To view the home page, you need to perform the following steps:

1. Open Google Chrome.
2. Type **D:\HTML\ShowOnWheels\home.html** in the address bar.
3. Press the **Enter** key. The home page will be displayed, as shown in the following figure.

*The Home Page of ShowOnWheels*

Now, if you remove the <LINK type="text/css" rel="stylesheet" href="ExternalStylesheet/homestylesheet.css"/> line of code from the **home.html** file, the Web page appears, as shown in the following figure.

*The Home Page Without the <LINK> Tag*

The Web page shown in the preceding figure is not appealing to the viewers. This is created without using any style sheet. This shows how style sheet formats the Web page and makes it attractive.

# Exercises

### Exercise 1

You are working as a Web page designer with WebDesigners Ltd. You have been assigned the task to create the home page for the SkyLight University website. The home page should be based on the following guidelines:

* It should display the logo of the university.
* It should display some text that provides information about the SkyLight University.
* It should provide link to other pages, such as About Us, Contact Us, and Careers.
* It should display the images of the colleges affiliated to the SkyLight University.
* It should display a list of colleges affiliated to the university. The list should expand when the user clicks the Colleges affiliated text.

The home page should appear, as shown in the following figure.

*The Home Page of the SkyLight University*

How will you create the desired home page?

**Prerequisite**: To perform this exercise, you need to use the **images** folder and **aboutus.html**, **carrers.html**, and **contactus.html** files. Ask your faculty to provide you the same.

### Exercise 2

Foodhub is an emerging name in the food business. As part of customer satisfaction initiative, the management wants to provide various services to its customers at their doorstep. For this, it wants a website to be constructed. The customers should be able to view the menu and order food through the website. You have been assigned the task to create the home page of the website based on the following guidelines:

* It should display the logo of the organization.
* It should provide images of the following options:
  + Call Us At
  + About Us
  + Best Deal
  + Recipes
  + Menu
  + What’s New
  + Home

The preceding images should be made as hyperlinks. When a user clicks these links, the corresponding pages should be opened.

* It should display information about Foodhub.
* It should display a list of cuisines offered by Foodhub to its customers.

The home page should appear, as shown in the following figure.

*The Home Page of the Foodhub Website*

How will you create the desired home page?

**Prerequisite**: To perform this exercise, you need to use the **images** folder and **aboutus.html**, **bestdeal.html**, **callus.html**, **menu.html**, and **whatsnew.html** files. Ask your faculty to provide you the same.

### Exercise 3