Chapter 1

# Basic HTML Template

<!DOCTYPE html>  
<html>  
<head>  
 <title>The Monk Diamond</title>  
</head>  
<body>  
 <p>The Monk Diamond is a rare jewel.</p>  
</body>  
</html>

# Adding Text

<!DOCTYPE html>  
<html>  
<head>  
 <title>The Monk Diamond</title>  
</head>  
<body>  
 <p>The Monk Diamond has been discovered in Siberia.<br/>  
 Professor Bairstone and Dr Day were on a fossil-finding expedition.</p>  
 <p>Ernest, Professor Bairstone's dog, found the jewel.</p>  
</body>  
</html>

# Adding Images

<!DOCTYPE html>  
<html>  
<head>  
 <title>The Monk Diamond</title>  
</head>  
<body>  
 <p>The Monk Diamond is a rare green colour.</p>  
 <img src="FILENAME.jpg" alt="The Monk Diamond"/>  
 <p>The team was delighted with their discovery.</p>  
 <img src="URL" alt="The Team"/>  
</body>  
</html>

# Creating Sections

<!DOCTYPE html>  
<html>  
<head>  
 <title>The Monk Diamond</title>  
</head>  
<body>  
 <div>  
 <p>Professor Bairstone is a famous explorer.</p>  
 </div>  
 <div>  
 <p>Dr Day is a top scientist. She loves dinosaur fossils.</p>  
 </div>  
</body>  
</html>

# Writing Basic CSS

<!DOCTYPE html>  
<html>  
<head>  
 <title>The Monk Diamond</title>  
</head>  
<body>  
 <div style="background-color: pink;">  
 <p>The jewel was stolen from Moscow.</p>  
 <p>The theft happened three years ago.</p>  
 </div>  
 <div style="background-color: pink;">  
 <p>The Bond Brothers are the prime suspects.</p>  
 </div>  
</body>  
</html>

# Using Multiple CSS Properties

<!DOCTYPE html>  
<html>  
<head>  
 <title>The Monk Diamond</title>  
</head>  
<body>  
 <div style="color: green; font-size: 18pt; text-align: center;">  
 Why was the diamond hidden in a cave?<br/>  
 Who hid it there?  
 </div>  
 <div style="width: 75%; height: 100px; background-color: lightblue; margin: 20px;">  
 Was it the Bond Brothers?<br/>  
 Could they be watching the cave?  
 </div>  
 <div style="float: right; border: 6px dotted red; padding: 20px;">  
 Is the team safe?<br/>  
 Their camp is very remote.  
 </div>  
</body>  
</html>

# CSS Classes and Attributes

<!DOCTYPE html>  
<html>  
<head>  
 <title>The Monk Diamond</title>  
 <style>  
 .header {  
 background-color: lightblue;  
 padding: 25px;  
 text-align: center;  
 font-size: 18pt;  
 width: 100%;  
 height: 25%;  
 }  
 .title {  
 font-size: 14pt;  
 text-align: center;  
 color: green;  
 }  
 .body {  
 margin: 20px;  
 }   
 </style>  
</head>  
<body>  
 <div class="header">  
 The Monk Diamond<br/>  
 An incredible discovery  
 </div>  
 <br/>  
 <div class="title">  
 Stolen diamond found on expedition in Siberia!  
 </div>  
 <br/>  
 <div class="body">  
 Professor Bairstone and Dr Day were looking for fossils in Siberia.<br/>  
 They found the stolen diamond hidden inside a remote cave.  
 </div>  
</body>  
</html>

# Putting It All Together: Making A Web Page

<!DOCTYPE html>  
<html>  
<head>  
 <title>The Monk Diamond</title>  
 <style>  
 body {  
 margin: 0px;  
 }  
 .pad {  
 padding: 25px;  
 }  
 .header {  
 background-color: lightblue;  
 color: green;  
 height: 100px;  
 font-size: 36pt;  
 text-align: center;  
 }  
 .welcome {  
 background-color: plum;  
 color: white;  
 font-size: 16pt;  
 text-align: center;  
 height: 40px;  
 margin: 0px;  
 }  
 .main-text {  
 width: 60%;  
 float: left;  
 background-color: beige;  
 }  
 .divs {  
 margin: 5px;  
 width: 25%;  
 float: left;  
 border: 4px solid lightblue;  
 }  
 </style>  
</head>  
<body>  
 <div class="header pad">  
 The Monk Diamond Discovery  
 </div>  
 <div>  
 <p class="welcome">  
 Stolen Diamond Discovered in Siberia!  
 </p>  
 </div>  
 <div class="main-text pad">  
 <p>  
 Professor Bairstone and Dr Day have made a sensational discovery.<br/>  
 They have discovered the Monk Diamond in a remote cave in Siberia.<br/>  
 Professor Bairstone's dog, Ernest, sniffed out the diamond.  
 </p>  
 <p>  
 The jewel was stolen three years ago from the House of Volkov.<br/>  
 The prime suspects in the theft were the Bond Brothers.<br/>  
 The team thinks the diamond had been hidden by the thieves.<br/>  
 They sent this photo from their camp:  
 </p>  
 <img src="team.jpg" alt="The Team" style="height: 150px;"/>  
 </div>  
 <div class="divs pad">  
 <img src="diamond.jpg" alt="Diamond" style="width: 150px;"/>  
 <p style="text-align: center;">The Monk Diamond</p>  
 </div>  
 <div class="divs pad" style="text-align: center;">  
 Fact File<br/>  
 Carats: 300<br/>  
 Colour: Green<br/>  
 Value: Over £10 million  
 </div>  
</body>

Chapter 2

# Creating a Hyperlink

<!DOCTYPE html>  
<html>  
<head>  
 <title>Links</title>  
</head>  
<body>  
 <a href="https://www.google.co.uk">Click here</a>  
</body>  
</html>

# Linking Between Web Pages

<!DOCTYPE html>  
<html>  
<head>  
 <title>Page 1</title>  
</head>  
<body>  
 <a href="page2.html">Page 2</a>  
</body>  
</html>

<!DOCTYPE html>  
<html>  
<head>  
 <title>Page 2</title>  
</head>  
<body>  
 <a href="page2.html">Back to Page 1</a>  
</body>  
</html>

# Using Variables and Operators

<!DOCTYPE html>  
<html>  
<head>  
 <title>Variables</title>  
</head>  
<body>  
 <script>  
 var diamondCarats = 300;  
 alert(diamondCarats);  
 var teamMembers = 2 + 1;  
 alert(teamMembers);  
 var jewelThieves = "The Bond Brothers";  
 alert(jewelThieves);  
 </script>  
</body>  
</html>

# Coding If Statements

<!DOCTYPE html>  
<html>  
<head>  
 <title>Conditionals</title>  
</head>  
<body>  
 <script>  
 var dogName = "Ernest";  
 if(dogName == "Ernest") {  
 alert("You discovered the Monk Diamond!");  
 }  
 </script>  
</body>  
</html>

# Coding Else Statements

<!DOCTYPE html>  
<html>  
<head>  
 <title>Conditionals</title>  
</head>  
<body>  
 <script>  
 var diamondValue = 10;  
 if(diamondValue <= 9.9) {  
 alert("Value: Under £10 million!");  
 }  
 else {  
 alert("Value: Over £10 million!");  
 }  
 </script>  
</body>  
</html>

# Functions and Arguments

<!DOCTYPE html>  
<html>  
<head>  
 <title>Functions</title>  
</head>  
<body>  
 <script>  
 function checkAccess() {  
 return "Expedition team only!";  
 }  
 var webPage = checkAccess();  
 alert(webPage);  
 </script>  
</body>  
</html>

# Making HTML Code Run JavaScript

<!DOCTYPE html>  
<html>  
<head>  
 <title>Onclick</title>  
</head>  
<body>  
 <a href="https://www.google.com" onclick="alert('Redirecting to Google');">  
 Google  
 </a>  
 <br/>  
 <a href="https://www.google.com" onclick="return false;">  
 Google  
 </a>  
</body>  
</html>

# Create a Password

<!DOCTYPE html>  
<html>  
<head>  
 <title>Password</title>  
 <style>  
 body {  
 background-color: lightblue;  
 padding: 30px;  
 }  
 </style>  
 <script>  
 function checkPassword() {  
 var password = document.getElementById("passwordBox");  
 var passwordText = password.value;  
 if(passwordText == "Ernest300") {  
 return true;  
 }  
 alert("Access denied! Incorrect password!");  
 return false;  
 }  
 </script>  
</head>  
<body>  
 <p style="font-size: 30pt;">THE MONK DIAMOND DISCOVERY</p>  
 <p>Please enter the password to view this website.</p>  
 <p>Password:<input id="passwordBox" type="password"/></p>  
 <a href="monkdiamonddiscovery.html" onclick="return checkPassword();">  
 Click here to submit password and view website  
 </a>  
</body>  
</html>