

| Hands-on Activity 1.3   Exploring Visual and Interactive Elements   |  |
|---|--|
| Course Code: CPE02B   | Program: BSCPE                             |
| Course Title: Software Design 3   | Date Performed: 01/14/2026                 |
| Section: CPE32S4  | Date Submitted: 01/14/2026                 |
| Name: Bautista,Jhon Hendricks   | Instructor: Engr. Neal Barton James Matira |
| 3. Procedure  |  |
| <h1>Harmony Heights: The Official Band Page</h1>  |  |
| <h2>Scenario</h2> <p>You've been approached by "Harmony Heights," an emerging band known for their eclectic mix of genres and compelling live performances. As they prepare to broaden their audience and establish a stronger online presence, they need a dynamic and engaging official webpage. This page will serve as a central hub for fans to explore the band's music, learn about band members, view upcoming show dates, and connect with the band.</p> <p>Your task is to craft a webpage that reflects the band's vibrant personality and musical diversity, incorporating multimedia elements such as images, music samples, videos of performances, and a contact form for booking inquiries or fan messages.</p> |  |
| <h2>Instructions</h2> <p>Follow the instructions below to create the webpage step by step:</p> <ol style="list-style-type: none"> <li>Initial Setup <ul style="list-style-type: none"> <li>Start by creating a new HTML file named <i>harmony-heights.html</i>.</li> </ul> </li> </ol>  |  |

- Use the HTML5 doctype and include the basic HTML structure (<html>, <head>, <body> tags)
- Specify the language as English using the *lang* attribute.

## 2. Head Section

- Title the webpage "Harmony Heights: Feel the Music".
- Add meta tags for a brief description of the band (set the *content* attribute to "Official webpage of Harmony Heights, featuring our latest music, tour dates, and exclusive content for our fans.") and set the *charset* to UTF-8.

## 3. Body Section: Band Introduction

- Introduce the band with an <h1> tag ("Welcome to Harmony Heights"), followed by a captivating paragraph about their musical journey: "We are Harmony Heights, a band that blends genres to create unique sounds. Our journey through music has been incredible, and we're excited to share it with you."
- Include professional photos of the band and individual members using the <img> tag, emphasizing the importance of the *alt* attribute for accessibility:
  - The first photo – source:  
"https://edube.org/uploads/media/default/0001/04/band-photo.jpg", alt text: "Harmony Heights Band Photo".
  - The second photo – source:  
"https://edube.org/uploads/media/default/0001/04/member1-amy.jpg", alt text: "Harmony Heights Vocals/Sampling: Amy Duncan".
  - The third photo – source:  
"https://edube.org/uploads/media/default/0001/04/member2-john.jpg", alt text: "Harmony Heights Bass/Guitars: John Smith".
  - The fourth photo – source:  
"https://edube.org/uploads/media/default/0001/04/member3-trevor.jpg", alt text "Harmony Heights Drums: Trevor G.".

## 4. Music and Video Showcases

- Audio
  - Add an `<h2>` element with the following content: "Listen to Our Latest Tracks". Feature a selection of the band's latest tracks using the `<audio>` tag, allowing fans to listen directly from the site. Include the *controls* attribute.
  - Set the *src* attribute of the `<source>` tag to the path of the audio file:  
`"https://edube.org/uploads/media/default/0001/04/tracks1.mp3"`. Then, set the *type* attribute to "audio/mpeg". If the browser does not support the `<audio>` tag, the following text should be displayed: "Your browser does not support the audio element."
- Video
  - Add an `<h2>` element with the following content: "Watch Our Performances". Embed a video of live performances or music videos using the `<video>` tag, showcasing the band's stage presence and engagement with their audience. Include the *controls* attribute.
  - Set the *src* attribute of the `<source>` tag to the path of the audio file:  
`"https://edube.org/uploads/media/default/0001/04/performance1.mp4"`. Then, set the *type* attribute to "video/mp4". If the browser does not support the `<video>` tag, the following text should be displayed: "Your browser does not support the video element."

## 5. Tour Dates and Band News

- Add an `<h2>` element with the following content: "Upcoming Tour Dates". Then, create an unordered list to display upcoming tour dates and locations:
  - The first listed item – "March 12, 2029, Orlando, FL", with the URL of the ticket purchasing website `"https://example.com/purchase-tickets-harmony-heights-orlando"`, and the link text "Get Tickets".
  - The second listed item – "March 14, 2029, Salt Lake City, UT", with the URL of the ticket purchasing website `"https://example.com/purchase-tickets-harmony-heights-slc"`, and the link text "Get Tickets".
- Include the *target* attribute within the `<a>` tag, and assign the appropriate value to it, which instructs the browser to open the link in a new tab or window.

## 6. Connect with the Band

- Add an `<h2>` element with the following content: "Follow Us". Underneath, create a paragraph to provide a short message: "Stay updated with our latest news and releases:".
- Insert Social Media Links – create a section for fans to follow the band on social media, using hyperlinks to direct users to the band's official social media pages:
  - Link to the band's Facebook profile ("https://www.example.com/facebook/hh"). Between the opening and closing `<a>` tags, place the text "Facebook". After the Facebook link, add a line break to ensure the next link appears on a new line.
  - Repeat this process for the band's Instagram and Twitter profiles, adjusting the URLs and link texts accordingly. For Instagram, use and for Twitter use

## 7. Create a Contact Form

- Implement a simple contact form at the bottom of the page for fans to send messages to the band or inquire about booking. The form should include fields for the user's name, email, subject, and message, along with a submit button. Begin by introducing the contact section – use an `<h2>` tag to create a heading, and inside the `<h2>` tags, insert the text "Contact Us".
- Directly below the heading, initiate a form by adding the `<form>` tag, and create input fields for user information:
  - Name Field – begin with a `<label>` tag for the user's name. Use the *for* attribute with a value of "name" to associate the label with the input field. Inside the `<label>` tags, type "Name:". Insert a line break to ensure the input field appears on a new line. Then, add an `<input>` tag for the name input field. Set the *type* attribute to "text", the *id* to "name", and the *name* to "name" as well. Follow the input field with another line break.
  - Email Field – repeat the label and input field process for the email address. Use a `<label>` with *for*="email" and type "Email:" inside. Use an `<input>` tag for the email input field, setting *type* to "email", *id* to "email", and *name* to "email". Add line breaks for spacing.
  - Subject Field – for the subject of the message, again use a `<label>` tag with *for*="subject" and include "Subject:" as the label text. Create an `<input>` field for the subject, setting *type* to "text", *id* to "subject", and *name* to "subject". Add line breaks for spacing.

- Add a Textarea for the Message – use a <label> tag for the message area, with *for*="message", and type "Message:" as the label text. After the label, insert a line break. Introduce a <textarea> tag for the message input, assigning *id* to "message" and *name* to "message". Place another line break tag for spacing.
- Include a Submit Button – add an <input> tag and set *type* to "submit" and *value* to "Send". Close the <form> tag.

## 8. Testing and Review

- Review your webpage to ensure that all multimedia content is properly displayed and functional.
- Experiment and Customize – Feel free to explore further by integrating more content or features to enrich your webpage according to your preferences

## 4. Output

### Welcome to Harmony Heights

We are Harmony Heights, a band that blends genres to create unique sounds. Our journey through music has been incredible, and we're excited to share it with you.



### Listen to Our Latest Tracks



### Watch Our Performances



## Upcoming Tour Dates

- March 12, 2029, Orlando, FL - [Get Tickets](#)
- March 14, 2029, Salt Lake City, UT - [Get Tickets](#)

## Follow Us

Stay updated with our latest news and releases:

[Facebook](#)

[Instagram](#)

[Twitter](#)

## Contact Us

Name:

Email:

Subject:

Message:

## 5. Supplementary Activity

**PASSIONE**HomeConcertsAbout Us

### WELCOME TO PASSIONE

We are Passione, a band that blends genres to create unique sounds. Our journey started in Italy and come across many tunes and sounds in the world. Through our stands and concerts we share the desire to share inspirations and passion in music. Our journey through music has been a golden experience, and we're excited to share it with you.

### LISTEN TO OUR LATEST TRACKS




▶

0:00 / 0:45

◀

⋮

### "MUSIC IS TRULY, A GOLDEN EXPERIENCE"



## WATCH OUR PERFORMANCES



## UPCOMING TOUR DATES

March 12, 2029 – Orlando, FL · [Get Tickets](#)

March 14, 2029 – Salt Lake City, UT · [Get Tickets](#)

## LET'S CONNECT

For collaborations, bookings, or simply sharing your passion for music, Please use this contact form to reach out to our band. Lets us create a golden experience.



## CONTACT US

Name

Email

Subject

Message

[Send Message](#)

© 2026 Passione. All rights reserved.

## CONCLUSION

After performing this activity I was able to learn more html tags to make my website interactive. This is the different media and hyperlinks I can use in the website. I also learn how to create forms for my website. After learning these, I implemented it in my website about a band. For this website I was able to explore more different medias to use such a images, videos, audio, and links to make the website interactive. There is also a simple contact us design which was create in forms. For this website I learned more about different designs to implement to make the website more pleasing and interactive.