College of Computing
Sungkyunkwan University

Software Exercise: Web Programming Lab
MIDTERM PROJECT
Due date: October 27

Name	오민재	Student ID	2020314754

1. Introduce your website. Write some descriptions of your website's main features and contents.

My website is to introduce LANY, an American indie pop band.
In the main page, there is nav bar so that users of this website can know what contents there are, and also shows an image of Lany, so that the users can know how they look like.
The website provides information about tracks in Lany's album, official music videos, and schedules of world tour in October and November. The website enables the user to go to the official online shop which sells the official goods(ex, t-shirts, albums etc.) of Lany.

2. Describe your choice of design. Why does your website have a looking good design?

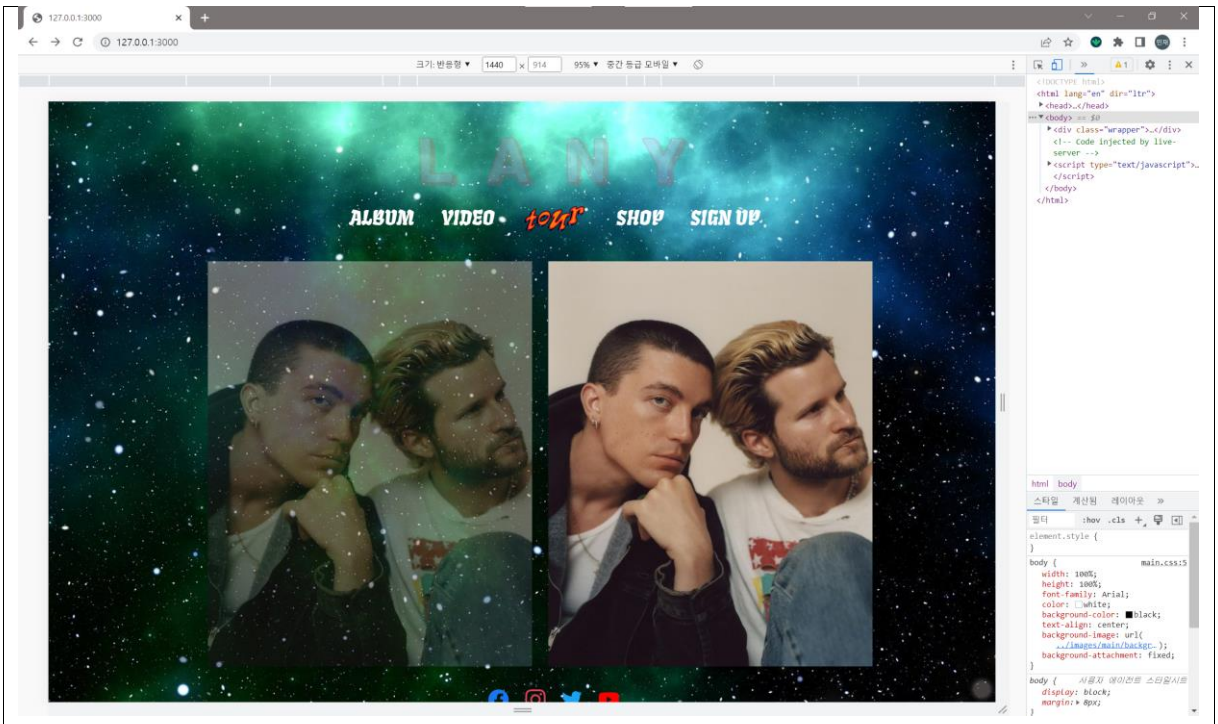
index.html:
I've used flexbox module to build navigation bar.
album.html:
I've used the gridbox module to show the tracks of Lany's album. By placing the list of tracks under the cover of album, users will be able to know the discography of Lany easily and fastly.
video.html
I've used the gridbox module to show the official videos of Lany's songs. By placing the videos under the cover of albums, and writing the title of songs under the videos, they can effectively play the videos they want by finding the topics.
tour.html:
I've used the gridbox model to show the tour schedule by making calendar, which is the most intuitive way to show the schedule to the users.
My website is a looking good design because it allows the users to easily and fastly find the information they need.

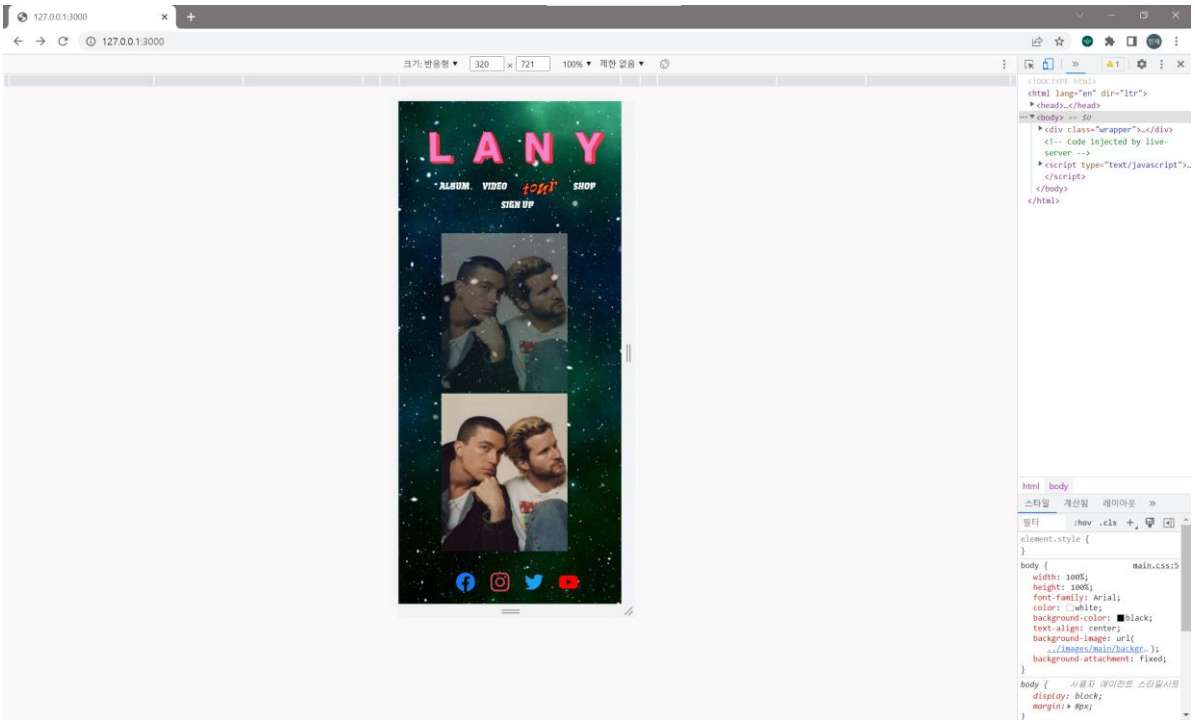
3. Describe how does your HTML files link to each other. You may draw the structure of web directory.

HTML files are linked through the menus in navigation bar in index.html
Click ALBUM: index.html → album.html
Click VIDEO: index.html → video.html
Click TOUR: index.html → tour.html
Click SIGN UP: index.html → form.html

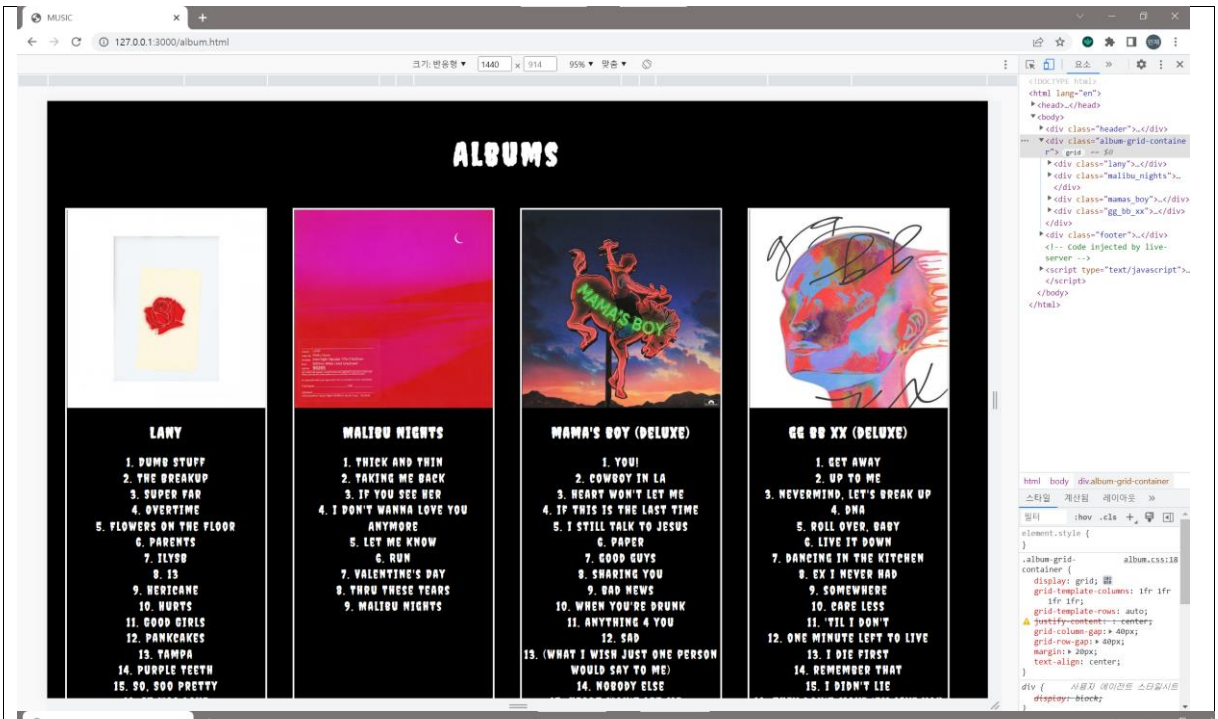
4. Show, with screenshots, how your website is responsive.

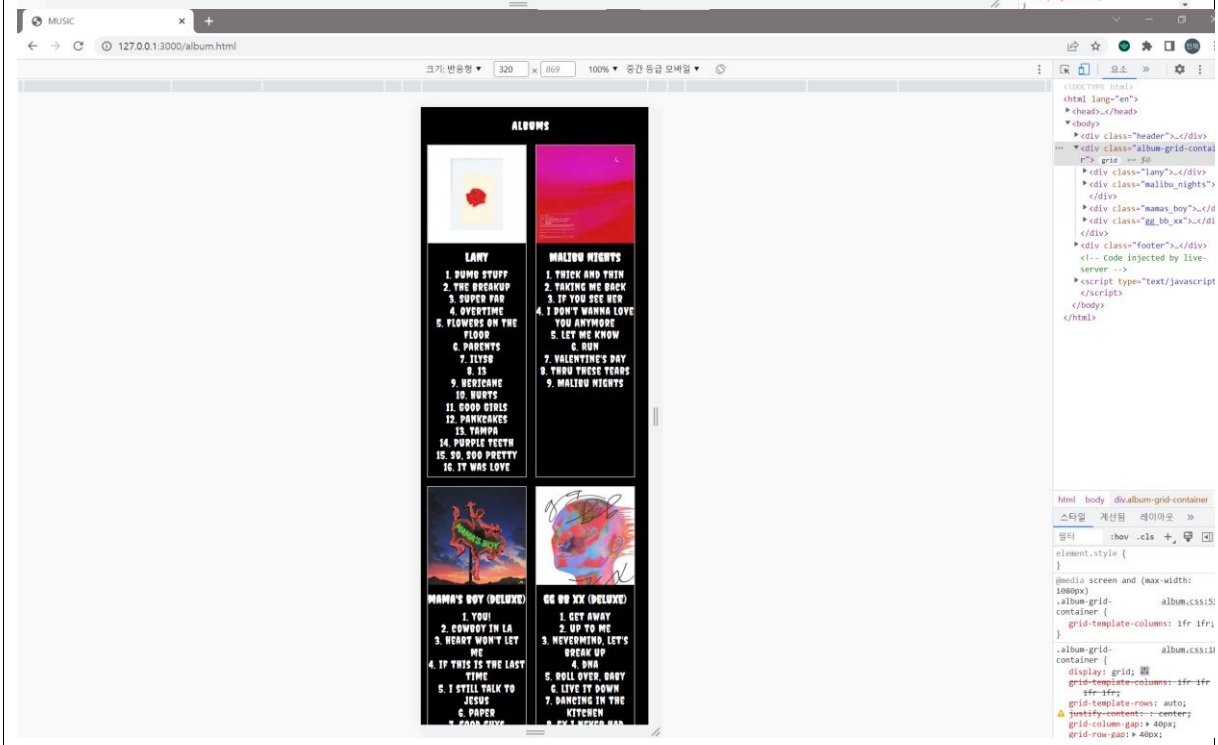
index.html: image size, font size changed


127.0.0.1:3000
L A N Y
ALBUM VIDEO tour SHOP SIGN UP

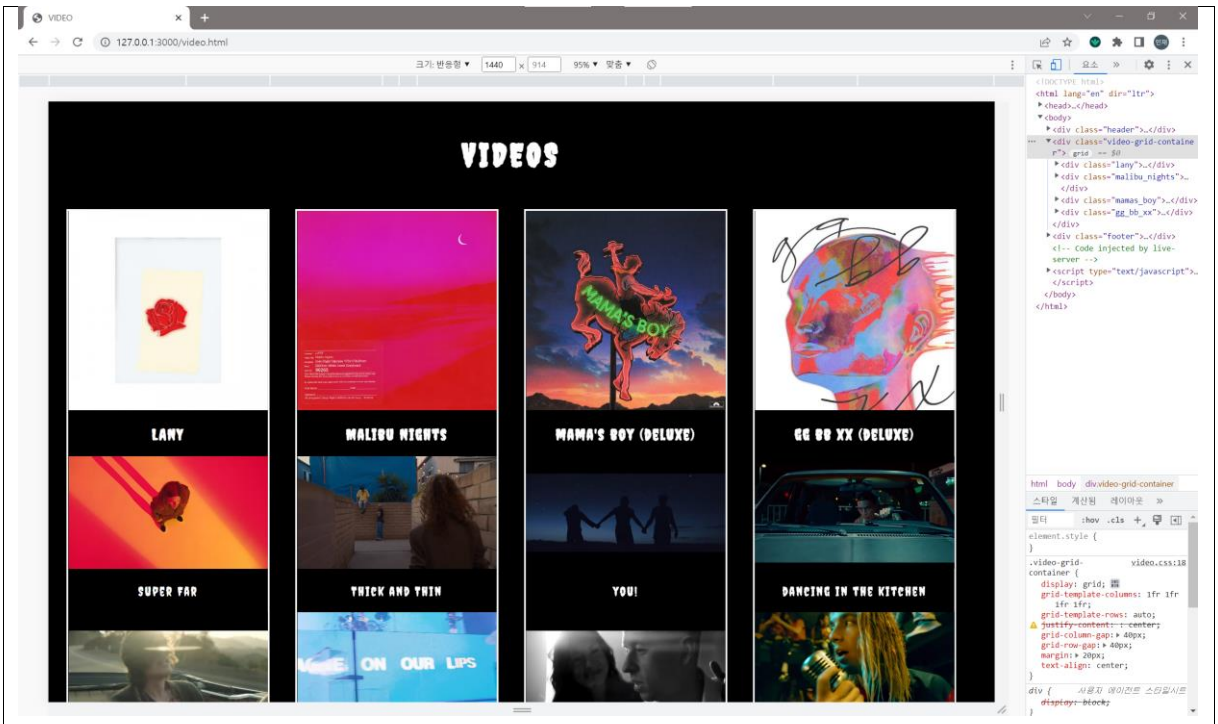

127.0.0.1:3000
L A N Y
ALBUM VIDEO tour SHOP
SIGN UP

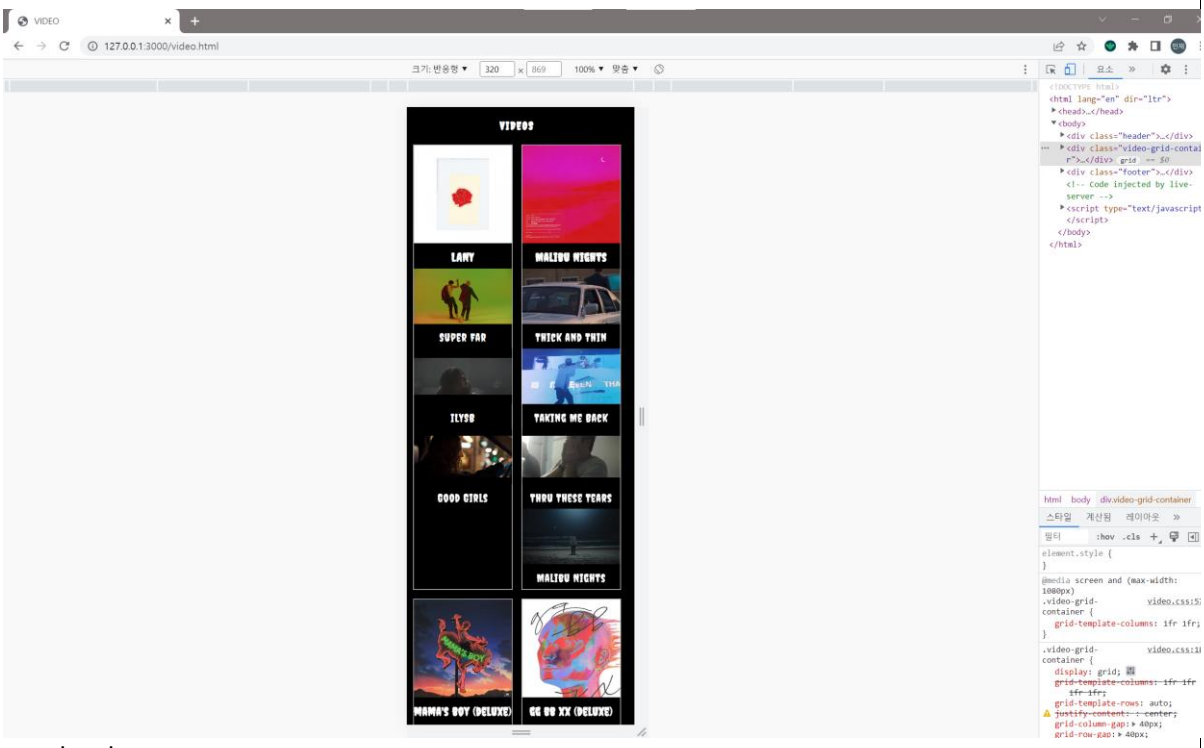
album.html


127.0.0.1:3000/album.html
ALBUMS
LANY
1. DUMB STUFF
2. THE BREAKUP
3. SUPER FAR
4. OVERTIME
5. FLOWERS ON THE FLOOR
6. PARENTS
7. ILYSB
8. 13
9. HERICANE
10. HURTS
11. GOOD GIRLS
12. PANKCAKES
13. TAMPA
14. PURPLE TEETH
15. SO, SOO PRETTY
MALIBU NIGHTS
1. THICK AND THIN
2. TAKING ME BACK
3. IF YOU SEE HER
4. I DON'T WANNA LOVE YOU ANYMORE
5. LET ME KNOW
6. RUN
7. VALENTINE'S DAY
8. THRU THESE TEARS
9. MALIBU NIGHTS
MAMA'S BOY (DELUXE)
1. YOU!
2. COWBOY IN LA
3. HEART WON'T LET ME
4. IF THIS IS THE LAST TIME
5. I STILL TALK TO JESUS
6. PAPER
7. GOOD GUYS
8. SHARING YOU
9. BAD NEWS
10. WHEN YOU'RE DRUNK
11. ANYTHING 4 YOU
12. SAD
13. (WHAT I WISH JUST ONE PERSON WOULD SAY TO ME)
14. NOBODY ELSE
GG BB XX (DELUXE)
1. GET AWAY
2. UP TO ME
3. NEVERMIND, LET'S BREAK UP
4. DNA
5. ROLL OVER, BABY
6. LIVE IT DOWN
7. DANCING IN THE KITCHEN
8. EX I NEVER HAD
9. SOMEWHERE
10. CARE LESS
11. 'TIL I DON'T
12. ONE MINUTE LEFT TO LIVE
13. I DIE FIRST
14. REMEMBER THAT
15. I DIDN'T LIE

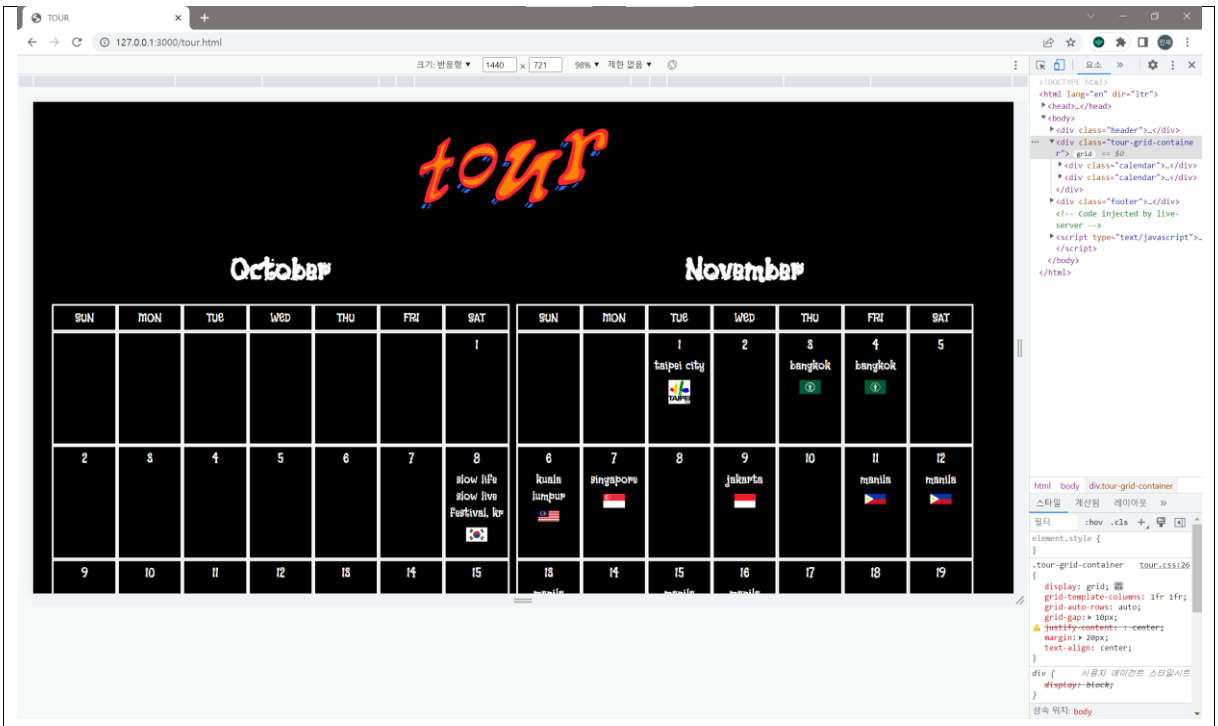

127.0.0.1:3000/album.html
ALBUMS
LANY
1. DUMB STUFF
2. THE BREAKUP
3. SUPER FAR
4. OVERTIME
5. FLOWERS ON THE FLOOR
6. PARENTS
7. ILYSB
8. 13
9. HERICANE
10. HURTS
11. GOOD GIRLS
12. PANKCAKES
13. TAMPA
14. PURPLE TEETH
15. SO, SOO PRETTY
16. IT WAS LOVE
MALIBU NIGHTS
1. THICK AND THIN
2. TAKING ME BACK
3. IF YOU SEE HER
4. I DON'T WANNA LOVE YOU ANYMORE
5. LET ME KNOW
6. RUN
7. VALENTINE'S DAY
8. THRU THESE TEARS
9. MALIBU NIGHTS
MAMA'S BOY (DELUXE)
1. YOU!
2. COWBOY IN LA
3. HEART WON'T LET ME
4. IF THIS IS THE LAST TIME
5. I STILL TALK TO JESUS
6. PAPER
GG BB XX (DELUXE)
1. GET AWAY
2. UP TO ME
3. NEVERMIND, LET'S BREAK UP
4. DNA
5. ROLL OVER, BABY
6. LIVE IT DOWN
7. DANCING IN THE KITCHEN

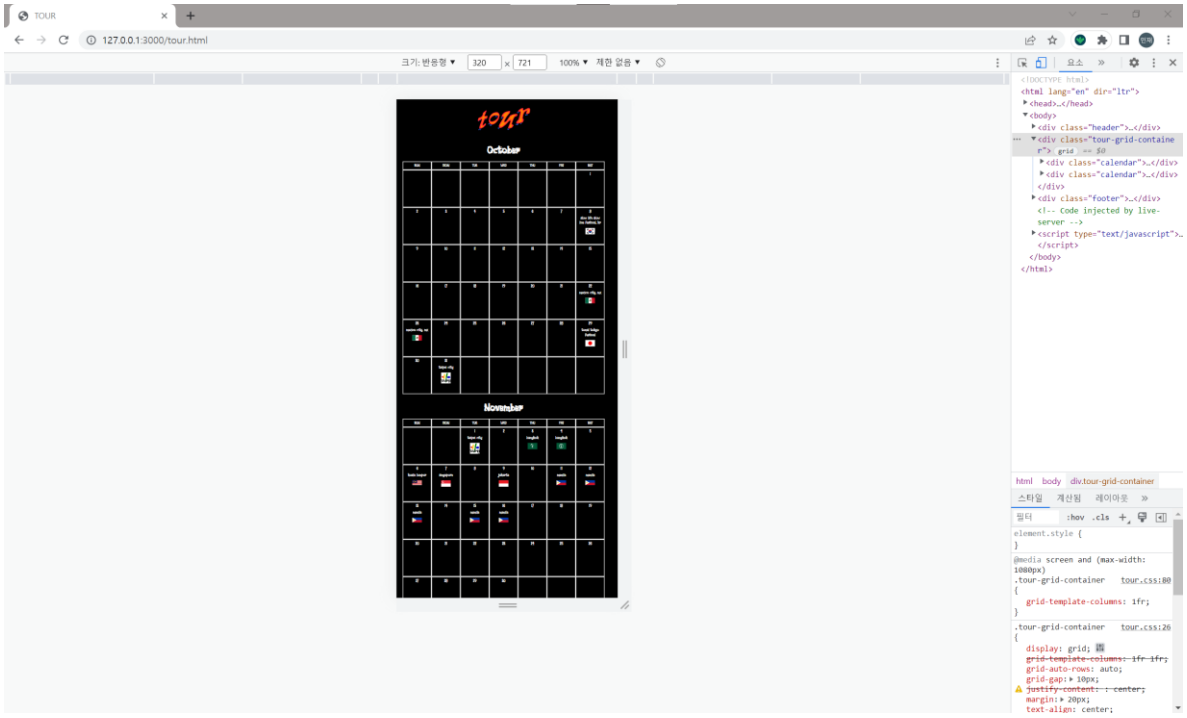
video.html


VIDEO
127.0.0.1:3000/video.html
VIDEOS
LANY
MALIBU NIGHTS
MAMA'S BOY (DELUXE)
GG BB XX (DELUXE)
SUPER FAR
THICK AND THIN
YOU!
DANCING IN THE KITCHEN

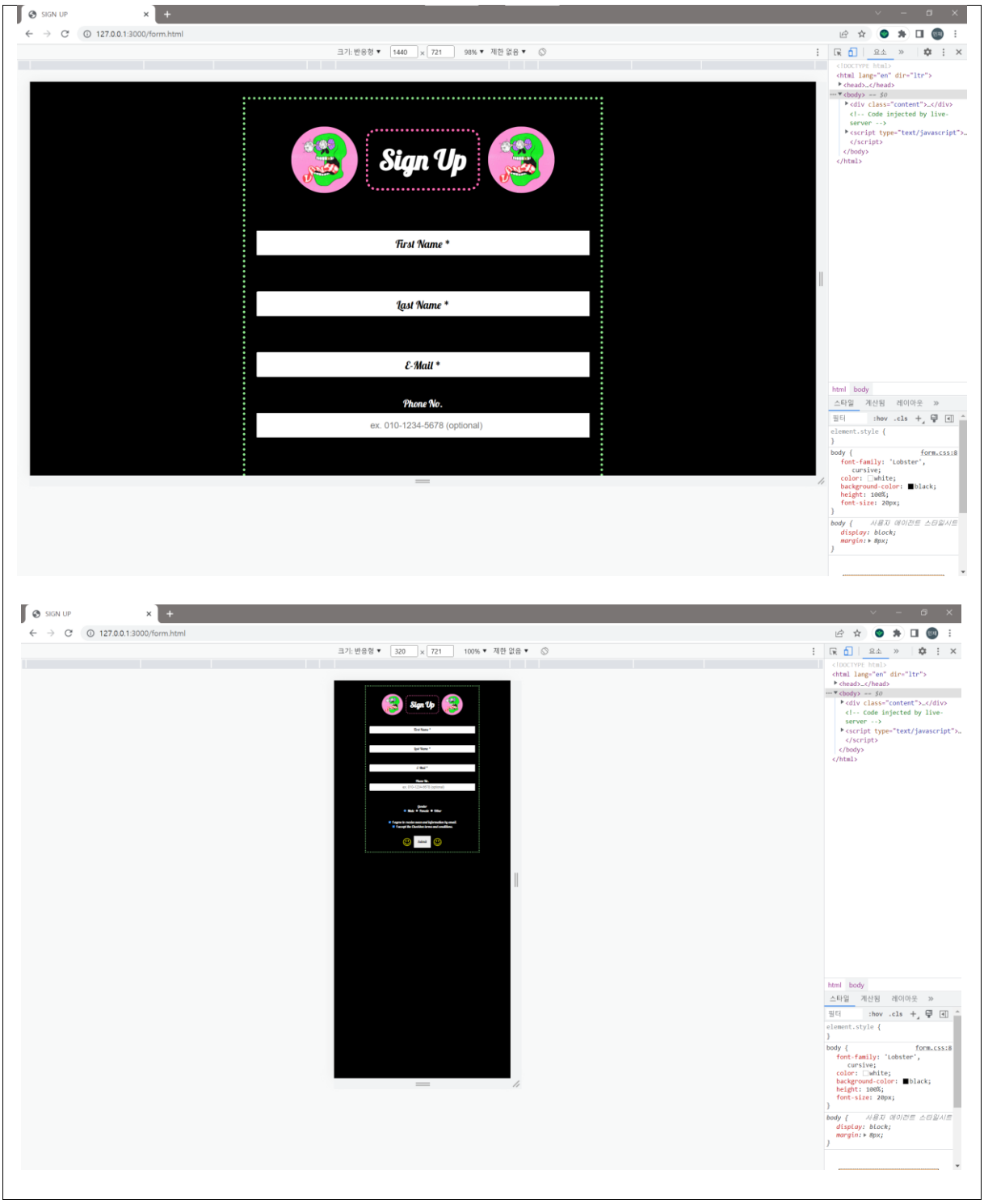

VIDEO
127.0.0.1:3000/video.html
VIDEOS
LANY
MALIBU NIGHTS
SUPER FAR
THICK AND THIN
ILYSB
TAKING ME BACK
GOOD GIRLS
THRU THESE TEARS
MALIBU NIGHTS
MAMA'S BOY (DELUXE)
GG BB XX (DELUXE)

tour.html


TOUR
127.0.0.1:3000/tour.html
tour
October
November
SUN MON TUE WED THU FRI SAT
1 taipei city
3 bangkok
4 bangkok
8 slow life slow live festival, kr
6 kuala lumpur
7 singapore
9 jakarta
11 manila
12 manila

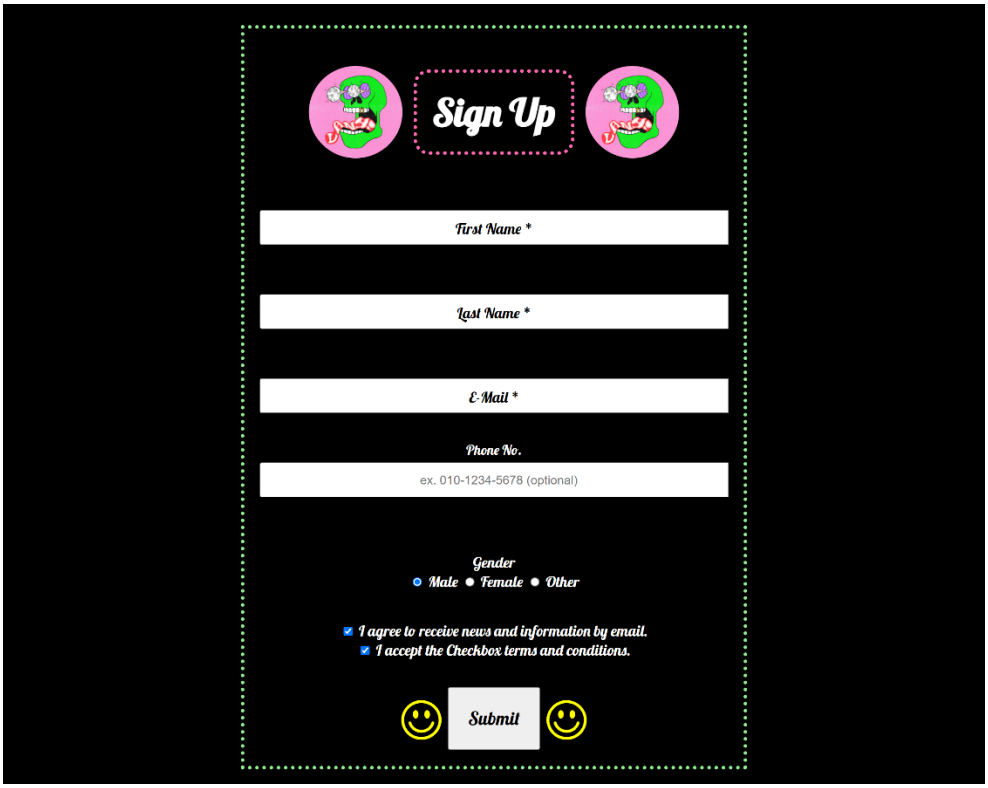

TOUR
127.0.0.1:3000/tour.html
tour
October
November

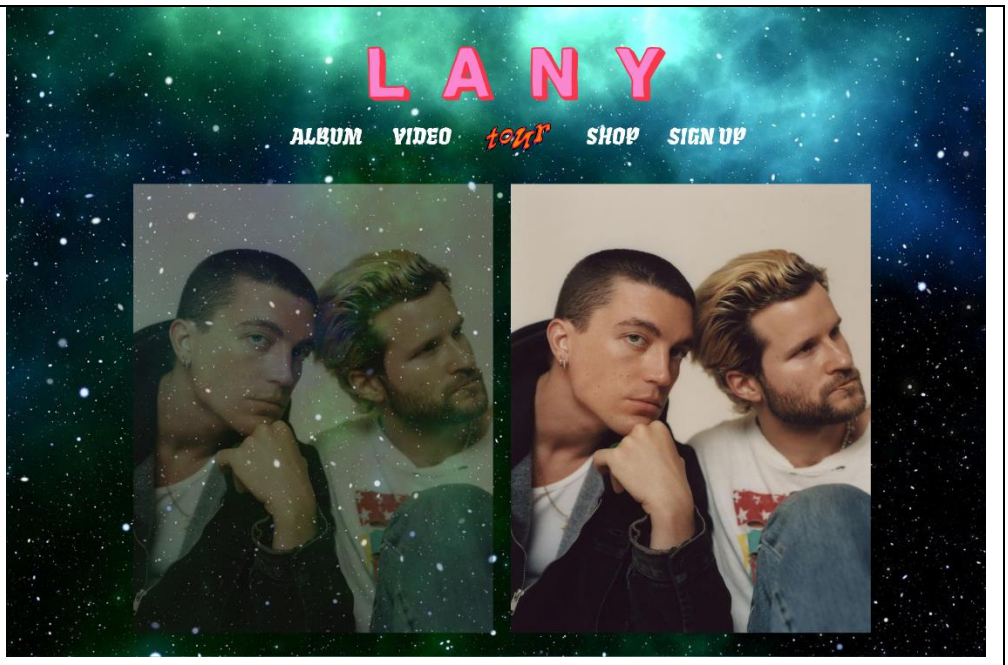
form.html



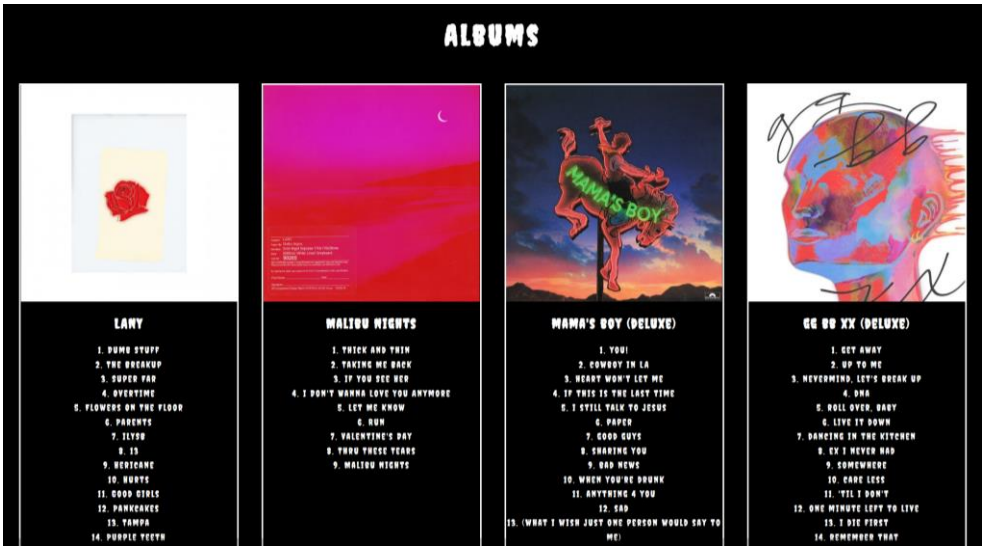
5. Provide screenshots and explanations of each implemented requirement. Write down which HTML file contains the function code.

Requirement	Contents

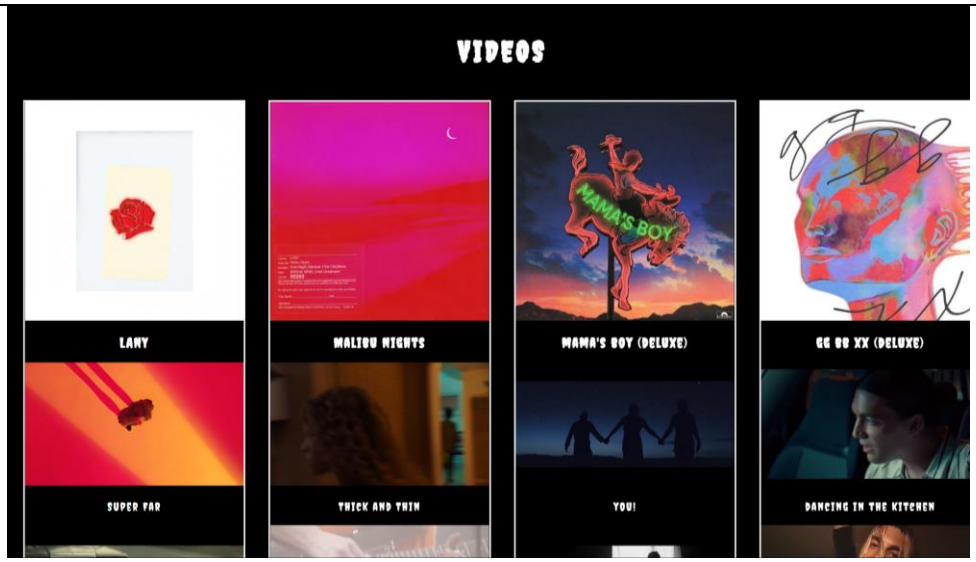
s	
Form tag (User Information)	Screenshot of result
	
	Explanation
	required: first name, last name, e-mail address, gender, accept optional: agree, phone number.
	Location: form.html
2 multimedia	Screenshot of result
	index.html



album.html

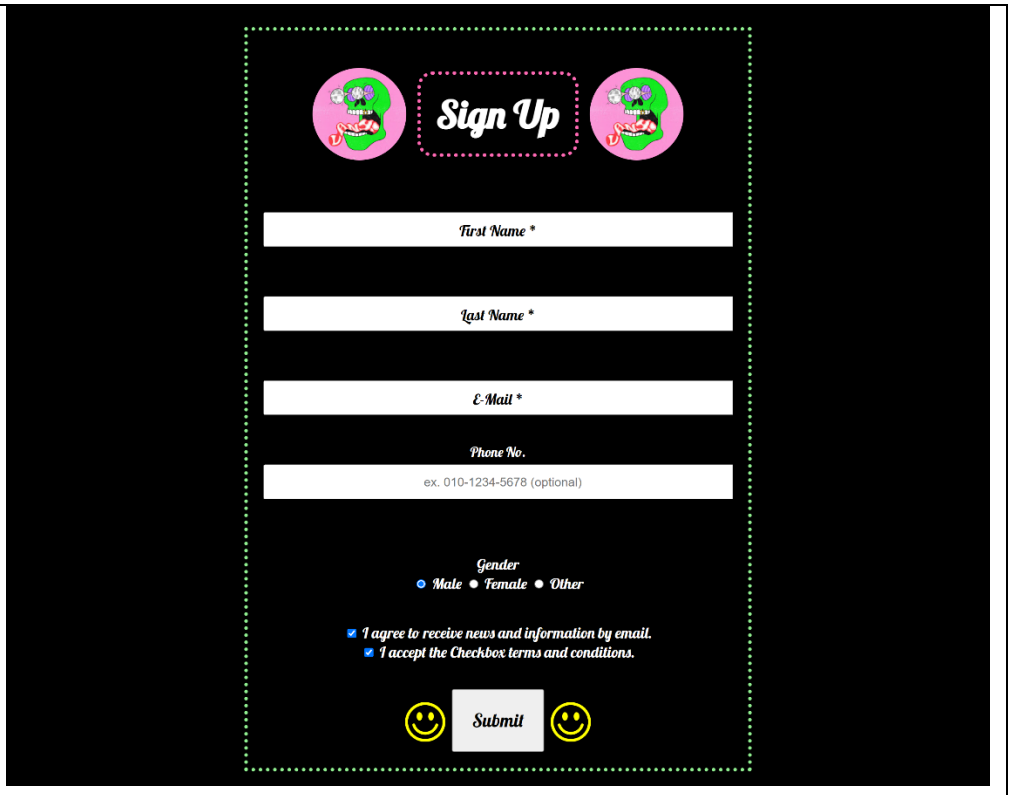


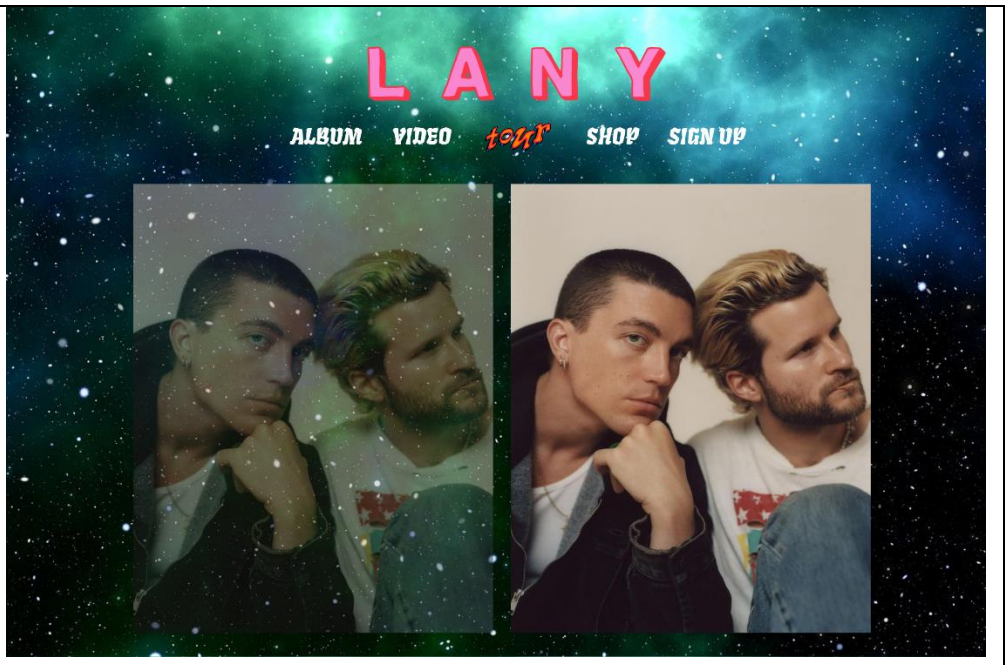
video.html



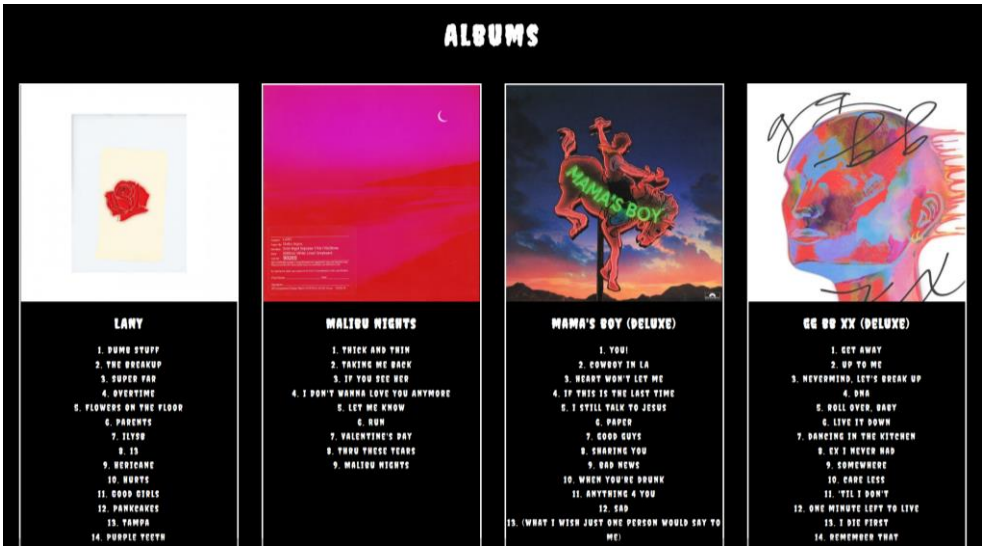
tour.html

form.html

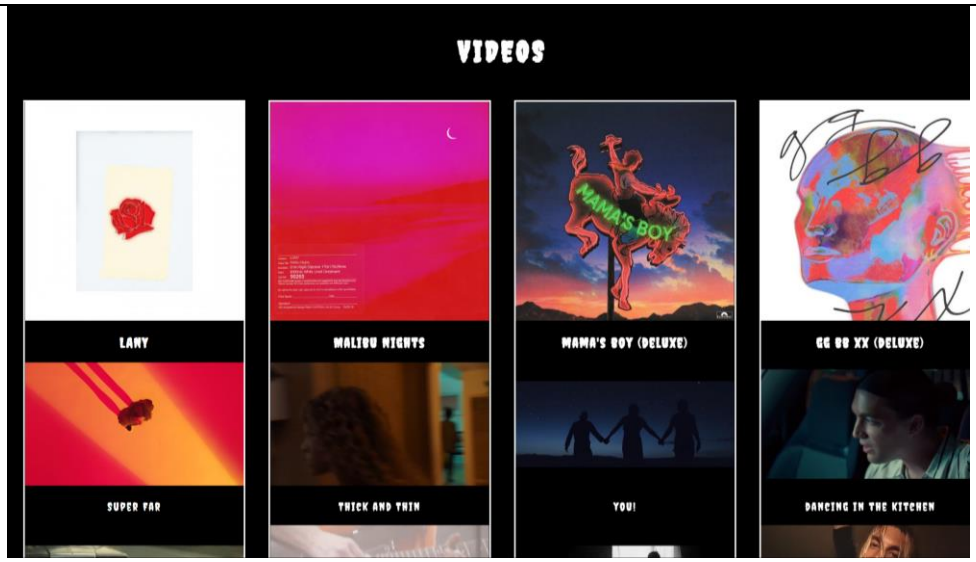
	
	Explanation
	index.html: 3 images used images in images/main album: 4 images used images in images/album video.html: 4 images, 12 videos used images in images/video videos in videos/video tour.html: 10 images used images in images/tour form.html: 2 images used images in images/form
	Location: index.html, album.html, video.html, tour.html, form.html
CSS Text-style	Screenshot of result
	index.html



album.html

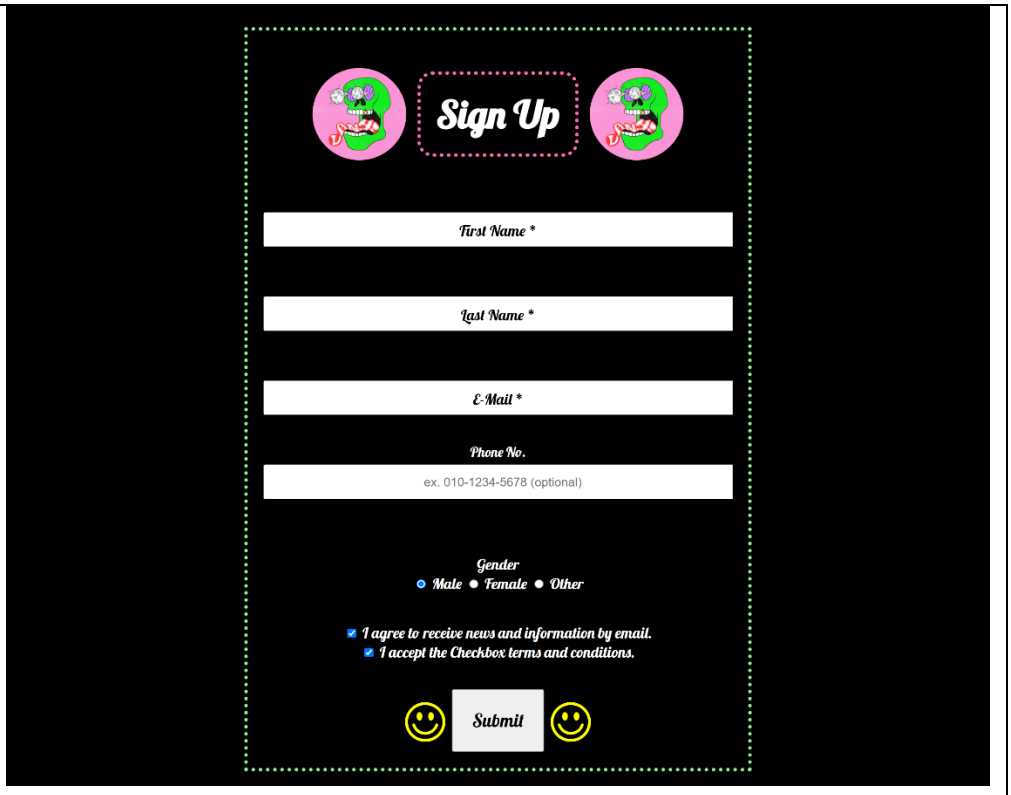


video.html



tour.html

form.html

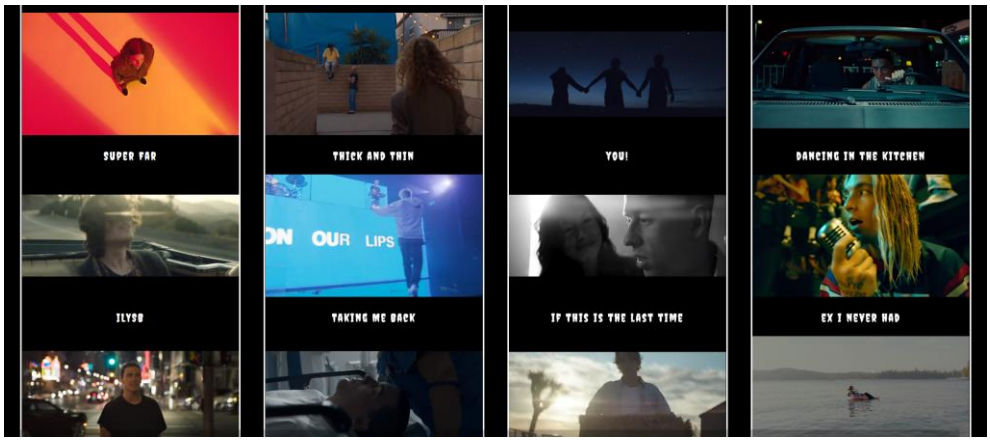
<table>
<tr><td rowspan="3"></td><td> 
</td></tr>
<tr><td>Explanation</td></tr>
<tr><td>CSS text sytles are used in all html pages.
Location: index.html, album.html, video.html, tour.html, form.html</td></tr>
<tr><td rowspan="3">3 Web Fonts</td><td>Screenshot of result
index.html

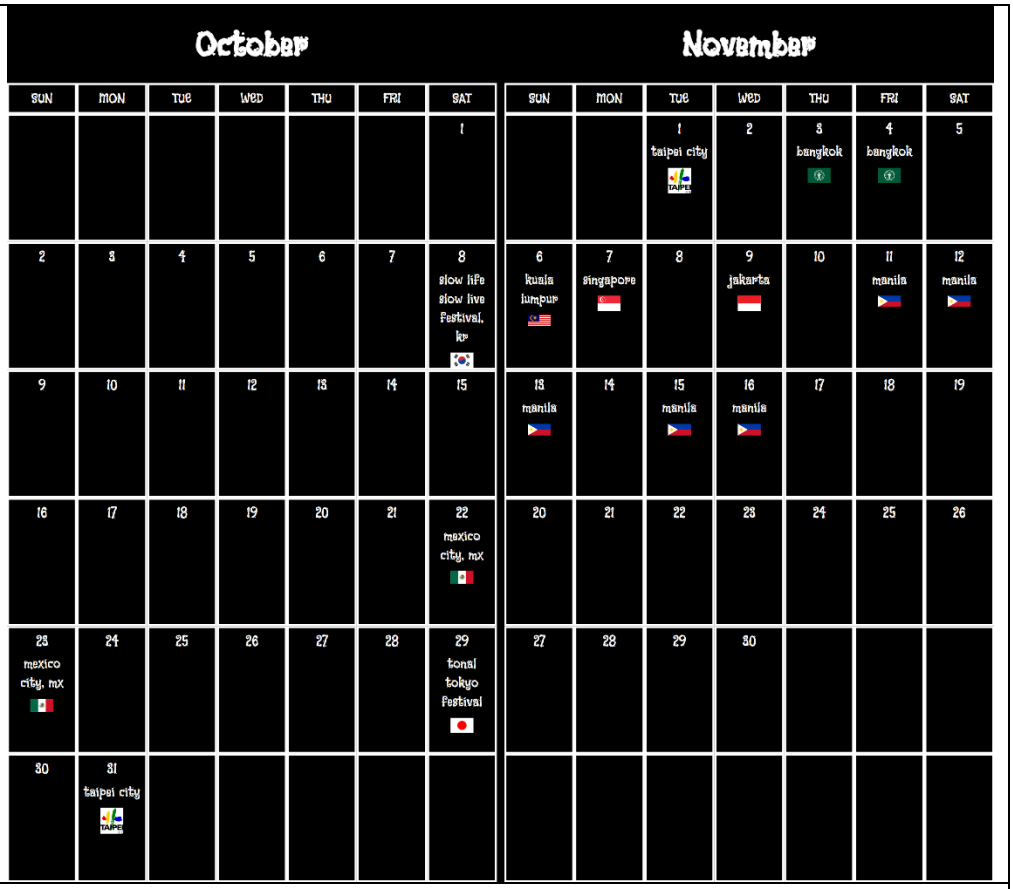
album.html

video.html

tour.html

form.html
</td></tr>
<tr><td>Explanation</td></tr>
<tr><td>4 webfonts are used.
index.html --> font-family: 'Fruktur', cursive;
album.html, video.html --> font-family: 'Creepster', cursive;
tour.html --> font-family: 'Black And White Picture', sans-serif;</td></tr>
</table>

	form.html --> font-family: 'Lobster', cursive;
	Location: index.html, album.html, video.html, tour.html, form.html
Flexbox module	Screenshot of result
	index.html
	Explanation
	Flexbox module is used to navigation build navigation bar in index.html.
	Location: index.html
Gridbox module	Screenshot of result
	album.html
	video.html 
	tour.html

<table>
<tr><td rowspan="4"></td><td>


</td></tr>
<tr><td>Explanation</td></tr>
<tr><td>album.html
Grid box modules is used to show the list of albums.
video.html
Grid box modules is used to show the list of official videos.
tour.html
Grid box modules is used to show the tour schedule.</td></tr>
<tr><td>Location: album.html, video.html, tour.html</td></tr>
<tr><td>Transform</td><td>Screenshot of result</td></tr>
<tr><td></td><td>Before writing something to the input box</td></tr>
</table>

After writing something to the input box

```css
label .label-text {
  display: inline-block;
  color: black;
  font-size: 20px;
  transform: translateY(-34px);
  transition: all 0.3s;
}

label input:focus + .label-text, label input:valid + .label-text {
  color: white;
  font-size: 18px;
  margin-top: 10px;
  transform: translateY(-84px);
}
```

Explanation

The position of labels of inputs is changed by using transform and transition attribute.

Location: form.html

Transition

Screenshot of result

```css
label .label-text {
  display: inline-block;
  color: black;
  font-size: 20px;
  transform: translateY(-34px);
  transition: all 0.3s;
}

label input:focus + .label-text, label input:valid + .label-text {
  color: white;
  font-size: 18px;
  margin-top: 10px;
  transform: translateY(-84px);
}
```

Explanation

The position of labels of inputs is changed by using transform and transition attribute.

Location: form.html

Animation

Screenshot of result

index.html

	 tour.html
	Explanation
	index.html: iterating blink animation. tour.html: iterating zoom animation
	Location: index.html, tour.html

6. You can describe more about your website here. (Optional, free-form)