

Spanish Time Translator

Drive link:

https://drive.google.com/drive/folders/1jLmAY3YASEfriurFy0ecVoBBYd1dNz5h?usp=drive_link

This is a project in which website translates the given time into spanish and we can listen the audio in spanish and advertisement of Mc Donalds, KFC, Burger King

For example: If we give 4:30 PM as an input, the website translates 4:30PM to “Son las cuatro y media de la tarde” and we get this as an output and once we click the submit button we can hear the audio palying of “Son las cuatro y media de la tarde”

The folder consists of :

- a) Html pages (index.html, project.html, add.html)
- b) Advertisement image (addver.png)
- c) Audio files (files with .opus)

This website consists of mainly 3 pages :

- a) index.html
- b) project.html
- c) add.html

Index.html

This file consists of the frameset of the main page this page divides the website into 2 parts with ratio 87% and 13% in rows. In the 87% the webpage includes the “project.html” file and in the 13% it includes the “add.html” file

Project.html

This is the main file of the project where the design of the page and javascript of the page is included and CSS is also included in this file only

To take the input of hours we use a <select> which consists of 1 to 12 numbers.

To take the input of minutes we use a <select> which consists of 1 to 60 numbers. To take input of AM/PM we use a <select> which consists of AM and PM. The output is stored in a textbox using <input> and type attribute as “text”

The submit button is made using <input> and type attribute as “button”. On clicking submit it calls the function spatime(). This function take hours value,

Minutes value, and AM /PM and prints the translated statement in text box

The functions generates sentence in the following manner

The sentence mainly consists of 4 main parts :

- a) Grammar Part
- b) Hour Part
- c) Minute Part
- d) AM / PM

Grammar Part: (It is)

If hours given is 1 it is singular, so we use “es la”

If hours given more than 1 then it is plural, so we use “son las”

Hour Part: (Hours)

This prints hours (number) in spanish

Minute Part: (Minutes)

If the minutes are exactly 0 it prints “en punto” , means on the dot

If the minutes are exactly 15 it prints “y cuatro” ,means 15 minutes

If the minutes are exactly 30 it prints “y media” ,means 30 minutes

If the minutes are less than 30 it prints the corresponding number in spanish

If the minutes greater than 30 it prints 60 subbracted from the minutes and prints the corresponding number in spanish

AM/PM:

If it is AM and hours value less than 4 ,it prints “de la madrugada”

If it is AM and hours value greater than 4 ,it prints “de la manana”

If it is PM and hours value less than 8, it prints “de la tarde”

If it is PM and hours value greater than 8, it prints “de la noche”

In every part the ouput is stored in string and it is concated with the before string and finally prints in the text box. Similarly in every part the audio file is loaded into variable audi1,audi2,... and and finally plays all the audio using the function “addEventListener()”

Add.html

This file consists of advertisement. The advertisement includes Mc Donalds, KFC, Burger king. By clicking on the logo it redicts to the particular website. This is made by the below image 2 times: (addver.png)



Using the map function, creating a rectangular box over the image using the points and each navigating to the website Mc Donalds, KFC, Burger king respectively

The Audio file consists of :

- a) 0-30 numbers
- b) Grammar voices (es la.opus, son las.opus)
- c) Minute voices (en punto.opus, y cuatro.opus, y media.opus, menos.opus, y.opus, menos cuatro.opus,)
- d) AM/PM voices (de la.opus, madrugada.opus, manana.opus, noche.opus, tarde.opus)

CODE:

Index.html file

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>main</title>
  <frameset rows="87%,13%" border="0">
    <frame src="project.html">
    <frame src="add.html">
  </frameset>
</head>
<body>

</body>
</html>
```

Project.html file

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>project</title>
  <style>
    body
    {
      background-image:linear-gradient(red 0% 24%,yellow 26% 53.5%,red
55.5% 87%);
      background-repeat: no-repeat;
      height: 500px;"
    }
    #id1
    {
      background-color:yellow;
      color:red;
      border-style: dashed;
      border-color: red;
      border-radius: 8%;
      text-align: center;
      width: 300px;
      height:160px;
      margin-left:500px;
      margin-top: 198px;
```

```

    }
    #id2
    {
        margin-right:12px;
    }
    #id4
    {
        margin-left: 12px;
    }
    #id5
    {
        margin-top:13px;
        margin-bottom: 10px;
    }
    #id6
    {
        margin-bottom: 10px;
    }
</style>
<script>
    function spatime()
    {
        // Declaration
        var hr=document.getElementById("id2").value
        hr=parseInt(hr)
        var min=document.getElementById("id3").value
        min=parseInt(min)
        var ap=document.getElementById("id4").value
        var
name=["cero", "una", "dos", "tres", "cuatro", "cinco", "seis", "siete", "ocho", "nueve",
"diez", "once", "doce", "trece", "catrose", "quince", "dieciseis", "diecisiete", "dieci
ocho", "diecinueve", "veinte", "veintiuno", "veintidos", "veintitres", "veinticuatro"
, "veinticinco", "veintiseis", "veintisiete", "veintiocho", "veintinueve", "treinta"]
        var out
        var k1234=0

        // Grammar
        if(hr==1)
        {
            out="Es la "
            var aud1=new Audio("es la.opus")
        }
        else
        {
            out="Son las "
            var aud1=new Audio("son las.opus")
        }

        // Hours part
        if(min>=0 && min<=30)
        {
            out=out+name[hr]
            var aud1=hr+".opus"
            var aud2=new Audio(aud1)

```

```

    }
    else if(min>30)
    {
        if(hr==12)
        {
            out=out+"una"
            var audi2=new Audio("1.opus")
        }
        else
        {
            out=out+name[++hr]
            var aud1=hr+".opus"
            var audi2=new Audio(aud1)
            hr--
        }
    }

    // Minute part
    if(min==0)
    {
        out=out+" en punto"
        var audi3=new Audio("en punto.opus")
    }
    else if(min==15)
    {
        out=out+" y cuarto"
        var audi3=new Audio("y cauto.opus")
    }
    else if(min==30)
    {
        out=out+" y media"
        var audi3=new Audio("y media.opus")
    }
    else if(min==45)
    {
        out=out+" menos cuarto"
        var audi3=new Audio("menos cauto.ogg")
    }
    else if(min>0 && min<30)
    {
        out=out+" y "+name[min]
        var audi3=new Audio("y.opus")
        var aud1=min+".opus"
        var audi4=new Audio(aud1)
        k1234=1
    }
    else if(min>30)
    {
        out=out+" menos "+name[60-min]
        var audi3=new Audio("menos.opus")
        var aud1=(60-min)+".opus"
        var audi4=new Audio(aud1)
        k1234=1
    }
}

```

```

// AM or PM
out=out+" de la"
var audi5=new Audio("de la.opus")
if(ap=="AM")
{
    if(hr>0 && hr<=4)
    {
        out=out+" madrugada"
        var audi6=new Audio("madrugada.opus")
    }
    else if(hr>4)
    {
        out=out+" manana"
        var audi6=new Audio("manana.opus")
    }
}
else if(ap=="PM")
{
    if(hr>0 && hr<=8)
    {
        out=out+" tarde"
        var audi6=new Audio("tarde.opus")
    }
    else if(hr>8)
    {
        out=out+" noche"
        var audi6=new Audio("noche.opus")
    }
}

//Audio
audi1.play()
audi1.addEventListener("ended",function(){audi2.play()})
audi2.addEventListener("ended",function(){audi3.play()})
if(k1234==1)
{
    audi3.addEventListener("ended",function(){audi4.play()})
    audi4.addEventListener("ended",function(){audi5.play()})
}
else
{
    audi3.addEventListener("ended",function(){audi5.play()})
}
audi5.addEventListener("ended",function(){audi6.play()})

// Output
document.getElementById("id6").value=out
}

</script>
</head>
<body >

```

```
<div id="id1">
  <h3><u>Spanish Time Translator</u></h3>
  <select id="id2">
    <option value=1>1</option>
    <option value=2>2</option>
    <option value=3>3</option>
    <option value=4>4</option>
    <option value=5>5</option>
    <option value=6>6</option>
    <option value=7>7</option>
    <option value=8>8</option>
    <option value=9>9</option>
    <option value=10>10</option>
    <option value=11>11</option>
    <option value=12>12</option>
  </select>
  <select id="id3">
    <option value="0">00</option>
    <option value="1">01</option>
    <option value="2">02</option>
    <option value="3">03</option>
    <option value="4">04</option>
    <option value="5">05</option>
    <option value="6">06</option>
    <option value="7">07</option>
    <option value="8">08</option>
    <option value="9">09</option>
    <option value="10">10</option>
    <option value="11">11</option>
    <option value="12">12</option>
    <option value="13">13</option>
    <option value="14">14</option>
    <option value="15">15</option>
    <option value="16">16</option>
    <option value="17">17</option>
    <option value="18">18</option>
    <option value="19">19</option>
    <option value="20">20</option>
    <option value="21">21</option>
    <option value="22">22</option>
    <option value="23">23</option>
    <option value="24">24</option>
    <option value="25">25</option>
    <option value="26">26</option>
    <option value="27">27</option>
    <option value="28">28</option>
    <option value="29">29</option>
    <option value="30">30</option>
    <option value="31">31</option>
    <option value="32">32</option>
    <option value="33">33</option>
    <option value="34">34</option>
    <option value="35">35</option>
    <option value="36">36</option>
```



```

        <option value="37">37</option>
        <option value="38">38</option>
        <option value="39">39</option>
        <option value="40">40</option>
        <option value="41">41</option>
        <option value="42">42</option>
        <option value="43">43</option>
        <option value="44">44</option>
        <option value="45">45</option>
        <option value="46">46</option>
        <option value="47">47</option>
        <option value="48">48</option>
        <option value="49">49</option>
        <option value="50">50</option>
        <option value="51">51</option>
        <option value="52">52</option>
        <option value="53">53</option>
        <option value="54">54</option>
        <option value="55">55</option>
        <option value="56">56</option>
        <option value="57">57</option>
        <option value="58">58</option>
        <option value="59">59</option>
    </select>
    <select id="id4">
        <option>AM</option>
        <option>PM</option>
    </select>
    <br>
    <input type="submit" id="id5" onclick="spatime()">
    <br>
    <input type="text" id="id6" value="Time in Spanish" size="30">
</div>
</body>
</html>

```

Add.html file

```

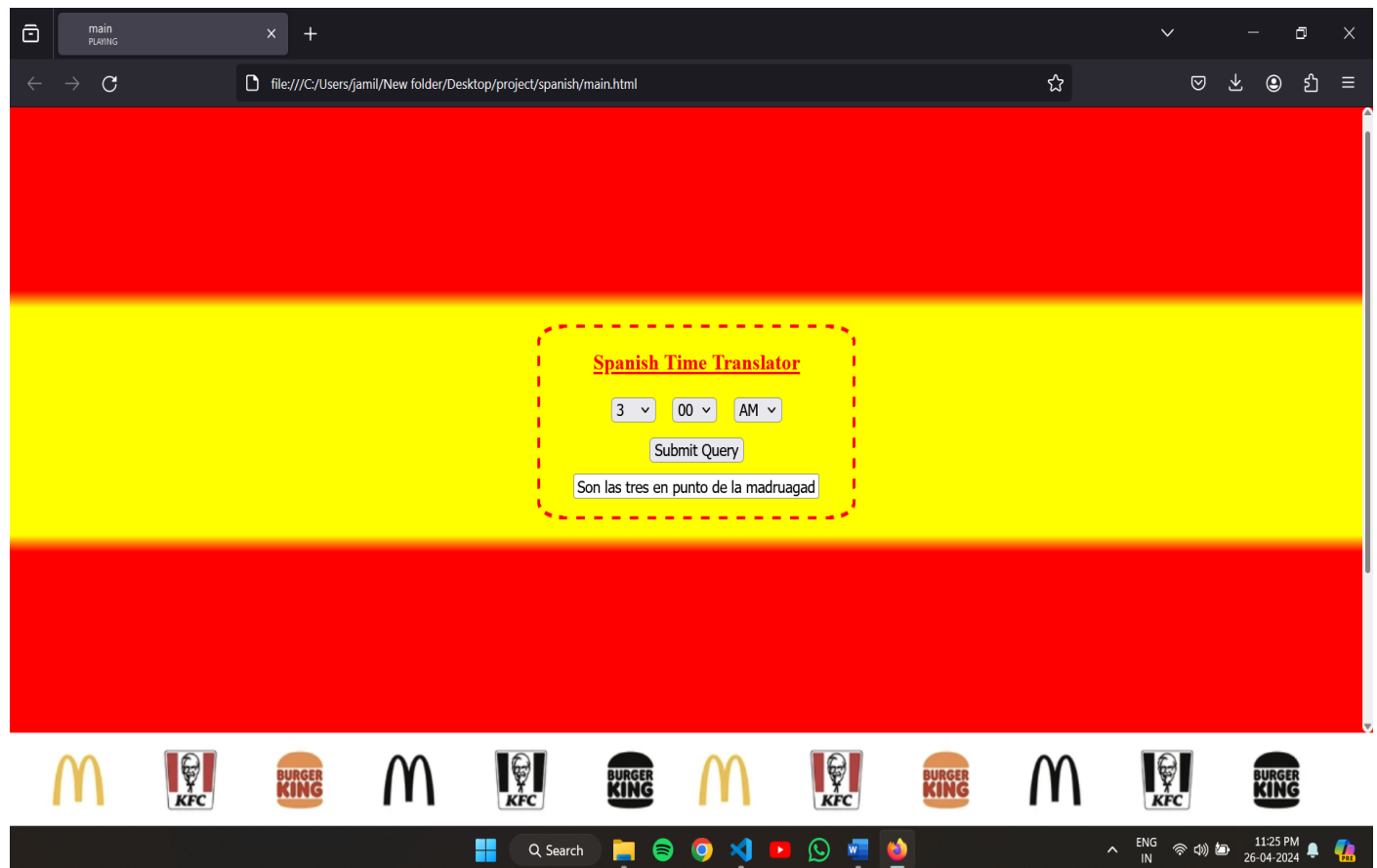
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>advertisement</title>
</head>
<body>
    
    
    <map name="pc">

```

```
<area shape="rectangle" coords="0,0,100,85"
href="https://mcdindia.com/" target="new">
<area shape="rectangle" coords="100,0,200,85"
href="https://online.kfc.co.in/" target="new">
<area shape="rectangle" coords="200,0,300,85"
href="https://www.burgerking.in/" target="new">
<area shape="rectangle" coords="300,0,400,85"
href="https://mcdindia.com/" target="new">
<area shape="rectangle" coords="400,0,500,85"
href="https://online.kfc.co.in/" target="new">
<area shape="rectangle" coords="500,0,600,85"
href="https://www.burgerking.in/" target="new">
</map>
</body>
</html>
```

Examples:

3:00 AM



5:10 AM

main
PLAYING

×

+

←→↻

file:///C:/Users/famil/New folder/Desktop/project/spanish/main.html

☆













🔒⬇️👤📄☰

Spanish Time Translator

510AM

Submit Query

Son las cinco y diez de la manana



Q Search

📁🎵🌐💻📺📞📧🔥

ENG IN 🔊🔌📶🕒 11:22 PM 26-04-2024 📶👤

8:15 AM

main
PLAYING

×

+

←→↻

file:///C:/Users/famil/New folder/Desktop/project/spanish/main.html

☆






🔒⬇️👤📄☰

Spanish Time Translator

815AM

Submit Query

Son las ocho y cuarto de la manana



Q Search

📁🎵🌐💻📺📞📧🔥

ENG IN 🔊🔌📶🕒 11:23 PM 26-04-2024 📶👤

11:30 PM

main
PLAYING

file:///C:/Users/famil/New folder/Desktop/project/spanish/main.html

Spanish Time Translator













11

30

PM

Submit Query

Son las once y media de la noche



Q Search

ENG IN

11:24 PM
26-04-2024

8:45 PM

main
PLAYING

file:///C:/Users/famil/New folder/Desktop/project/spanish/main.html

Spanish Time Translator













8

45

PM

Submit Query

Son las nueve menos cuarto de la tarde



Q Search

ENG IN

11:27 PM
26-04-2024

3:56 PM

main
PLAYING

file:///C:/Users/famil/New folder/Desktop/project/spanish/main.html

Spanish Time Translator













3

56









PM

Submit Query

Son las cuatro menos cuatro de la tard



Q Search



ENG IN 11:26 PM 26-04-2024

12:30 PM

Spanish Time translator - Google Dr...
main
PLAYING

file:///C:/Users/famil/New folder/Desktop/project/spanish/main.html

Spanish Time Translator












12

30









AM

Submit Query

Son las doce y media de la manana



Q Search



ENG IN 03:56 PM 28-04-2024