

Untitled

```
console.log("let's write javascript");
```

→ Console mein ek message print karega: "let's write javascript". Ye sirf debugging ke liye hota hai.

js

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Edit

```
let currentSong = new Audio();
```

```
let songs;
```

→ currentSong ek Audio object banata hai, jisme currently play ho rahi song rahegi.

→ songs variable later use hoga song list store karne ke liye.

js

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Edit

```
function
```

```
secondsToMinutesSeconds(seconds) {
```

→ Ye function kisi bhi seconds value ko "MM:SS" format mein convert karta hai.

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```
if (isNaN(seconds) || seconds < 0 ){  
    return "Invalid input";  
}
```

→ Agar value number nahi hai ya negative hai to "Invalid input" return karega.

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```
const minutes = Math.floor(seconds /  
60);  
const remainingSeconds =  
Math.floor(seconds % 60);
```

→ Seconds ko minutes aur seconds mein divide kar diya gaya.

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```
const formattedMinutes =  
String(minutes).padStart(2, '0');  
const formattedSeconds =
```

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```
String(remainingSeconds).padStart(2,  
"0");
```

→ Output format fix kiya gaya (e.g., 03:07). Dono 2 digit ke honge.

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```
    return  
    ${formattedMinutes}:${formattedSeconds}  
  }
```

→ Final formatted string return hogi.

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```
async function getSongs() {  
  let a = await  
  fetch("http://127.0.0.1:5500/songs/");
```

→ Ye fetch karta hai local server ke /songs/ folder se files ka list.

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```
let response = await a.text();  
console.log(response);
```

→ Response text format mein aayega aur console mein dikhega.

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```
let div =  
document.createElement("div");  
div.innerHTML = response;
```

→ Response ko HTML ke form mein treat karke ek temporary <div> mein daala.

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```
let as =  
div.getElementsByTagName("a");
```

→ Sabhi <a> tags ko nikaala (jo songs ke links hain).

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```
let songs = [];  
for (let index = 0; index < as.length;  
index++) {  
  → Har song ko songs array mein push kar  
  rahe hain.
```

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```
    const element = as[index];  
    if (element.href.endsWith(".mp3")) {  
  
songs.push(element.href.split("/songs/")  
[1]);  
    }  
  }  
  return songs;  
}
```

→ Agar link .mp3 file hai, to usse
songs list mein daal diya jaata hai.

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```
const playMusic = (track, pause=false)
```

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```
=> {  
    currentSong.src = "/songs/" + track  
    → Ye function ek song play karta hai.  
    track song ka naam hai. pause true hoga  
    to play nahi karega.
```

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```
    if(!pause){  
        currentSong.play()  
        play.src = "pause.svg"  
    }
```

→ Agar pause false hai to music start kar dega aur play button ka icon pause mein badal jaayega.

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```
document.querySelector(".songinfo").inne  
rHTML = decodeURI(track)
```

```
document.querySelector(".songtime").inne
```

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```
rHTML = "00:00 / 00:00"
```

```
};
```

→ Song info aur duration show karne ke liye HTML update hoti hai.

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```
async function main() {  
  let songs = await getSongs();  
  playMusic(songs[0], true)
```

→ Main function sabse pehle song list fetch karta hai aur pehli song ko load karta hai (play nahi karta).

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```
songUL = document  
  .querySelector(".songList")  
  .getElementsByTagName("ul")[0];
```

→ Playlist ke element ko select karta hai jisme songs list aayegi.

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```
for (const song of songs) {  
    songUL.innerHTML += <li>...</li>;  
}
```

→ Har song ko ek ke andar HTML mein dikhaya jaata hai (image, naam, artist, play now).

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```
Array.from(document.querySelector(".song  
List").getElementsByTagName("li")).forEa  
ch((e) => {  
    e.addEventListener("click",  
(element) => {
```

```
playMusic(e.querySelector(".info").first  
ElementChild.innerHTML.trim());  
    });  
});
```

→ Har list item pe click event lagaya gaya hai. Agar koi song click kare to

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wahi song play ho jaaye.

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```
play.addEventListener("click", ()=>{
  if(currentSong.paused){
    currentSong.play()
    play.src = "pause.svg"
  }
  else{
    currentSong.pause()
    play.src = "playbutton.svg"
  }
})
```

→ Play/pause button ka kaam hai music chalu/stop karna aur icon badalna.

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```
currentSong.addEventListener("timeupdate", ()=>{
```

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```
document.querySelector(".songtime").innerHTML =  
`${secondsToMinutesSeconds(currentSong.currentTime)}/${secondsToMinutesSeconds(currentSong.duration)}`
```

```
document.querySelector(".circle").style.left =  
(currentSong.currentTime/currentSong.duration) * 100 + "%";  
})
```

→ Jab song chalta hai to time update hoti hai aur seekbar ka circle aage badhta hai.

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```
document.querySelector(".seekbar").addEventListener("click", e=>{  
    let percent =  
(e.offsetX/e.target.getBoundingClientRect().width) * 100 ;
```

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```
document.querySelector(".circle").style.  
left = percent + "%";  
    currentSong.currentTime =  
((currentSong.duration) * percent)/100  
    })
```

→ Jab user seekbar pe click kare to song uss time se start ho jaaye.

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```
    previous.addEventListener("click",  
(()=>{  
        let index =  
songs.indexOf(currentSong.src.split("/")  
.slice(-1)[0])  
        if((index-1) >=0) {  
            playMusic(songs[index-1])  
        }  
    })
```

→ Previous button press hone par pehla song play kare.

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```
next.addEventListener("click", ()=>{
  let index =
songs.indexOf(currentSong.src.split("/")
.slice(-1)[0])
  if((index+1) > length) {
    playMusic(songs[index+1])
  }
})
```


→ Next button pe agla song bajta hai. Lekin isme chhoti si galti hai: length variable undefined hai. Sahi code hoga:


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```
if ((index + 1) < songs.length) {
  playMusic(songs[index + 1]);
}
```

Agar chahe to main ye corrected version bhi ready karke de sakta hoon ZIP file mein. Bata de 

Agar kisi part ka aur detail chahiye ho toh bhi poochh sakta hai bhai 

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You said:

```
i(currentSong.src.split("/").slice(-1)[0]) iska matlab bta
```

ChatGPT said:

Bhai tu jo line poochh raha hai:

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```
currentSong.src.split("/").slice(-1)[0]
```

isko step by step samjhaata hoon Hindi mein:

🔍 Pehle samjho: `currentSong.src`
`currentSong` ek Audio object hai.

`currentSong.src` se uski URL milti hai –

Untitled


jaise:

arduino

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```
http://127.0.0.1:5500/songs/mysong.mp3
```

 Step 1: `.split("/")`

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```
currentSong.src.split("/")
```

Ye URL ko / ke base pe tod deta hai.

Output hoga ek array:

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```
["http:", "", "127.0.0.1:5500", "songs",  
"mysong.mp3"]
```

 Step 2: `.slice(-1)`

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```
.slice(-1)
```

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slice(-1) ka matlab hota hai last element of array lena.

Output:

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["mysong.mp3"]

(Dekho: ab sirf ek item bacha – song ka file name)

 Step 3: [0]

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[0]

Yeh array ke first (aur is case mein only) element ko leta hai.

Final Output:

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"mysong.mp3" is page ko pdf me convert
kro