

CODE:-

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import tkinter as tk
from tkinter import *
from tkinter import ttk, filedialog
import os
from pygame import mixer
root=tk.Tk()
mixer.init()
root.geometry("600x320")
root.title("Mp3 Player")
root.configure(bg='violet') #can select any color you want
s=ttk.Style(root)
s.theme_use('vista')
music_frame=tk.Frame(root,bd=2,relief=tk.RIDGE)
music_frame.place(x=180,y=20,width=400,height=220)
scroll=ttk.Scrollbar(music_frame)
playlist=tk.Listbox(music_frame,width=516,yscrollcommand=scroll.set)
scroll.config(command=playlist.yview)
scroll.pack(side=tk.RIGHT,fill=tk.Y)
playlist.pack(side=tk.LEFT,fill=tk.BOTH)
def open_folder():
    path=filedialog.askdirectory()
    if path:
```

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os.chdir(path)
songs=os.listdir(path)
for song in songs:
    if song.endswith(".mp3"):
        playlist.insert(END,song)
tk.Button(root,text='Open',width=20,command=open_folder).place(x=20,y=260)
def play_song():
    mixer.music.load(playlist.get(tk.ACTIVE))
    mixer.music.play()
def stop_song():
    mixer.music.stop()
def pause_song():
    mixer.music.pause()
def unpause_song():
    mixer.music.unpause()
tk.Button(root,text='Play',width=20,command=play_song).place(x=20,y=20)
tk.Button(root,text='Stop',width=20,command=stop_song).place(x=20,y=80)
tk.Button(root,text='Pause',width=20,command=pause_song).place(x=20,y=140)
tk.Button(root,text='Unpause',width=20,command=unpause_song).place(x=20,y=200)
def set_vol(val):
    mixer.music.set_volume(float(val)/200)
vol=ttk.Scale(root,from_=0,to_=200,length=360,command=set_vol)
vol.set(100)
vol.place(x=200,y=260)
root.mainloop()

```

RESULT:-

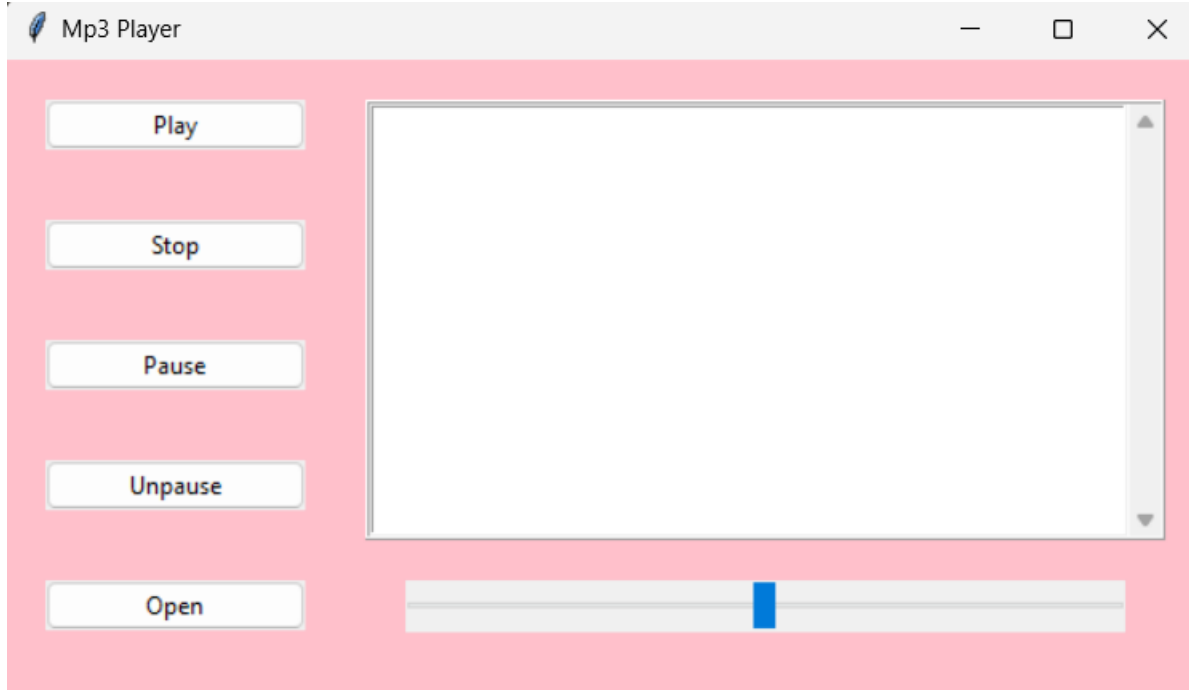


Figure 4(Interface of MP3 Music Player)

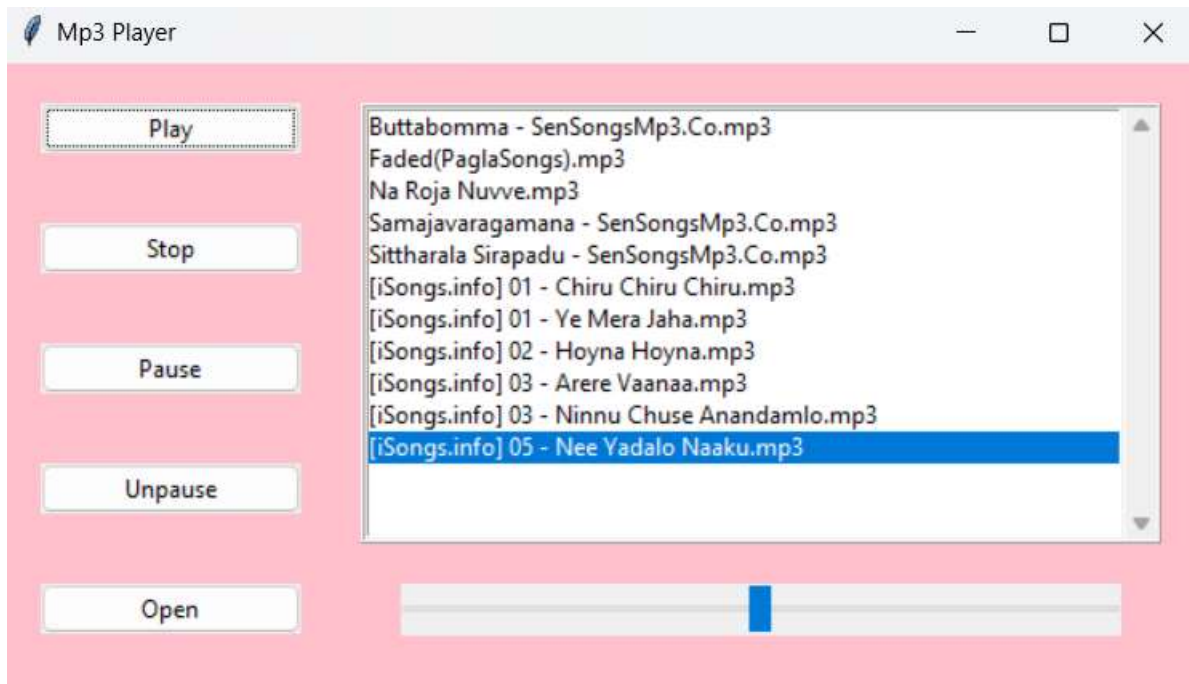


Figure 5(Interface of songs folder)

USER MANUAL

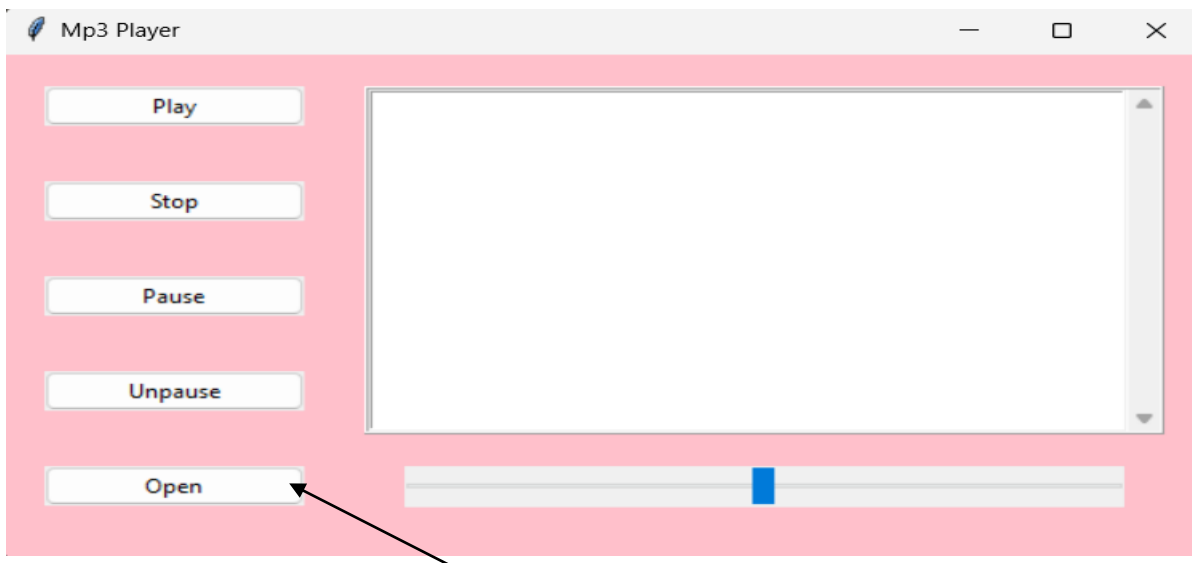
Step1:- Open PyCharm Community app

Step2:- Install Pygame Module in Pycharm app using pip install Pygame in terminal

Step3:- Open the file containing the code for MP3 Music Player

Step4:- Run the code and access the Interface

Step5:- Now user should select the file containing the songs as shown below



Step6:- User can select the song from the list can play, pause, unpause, stop, and also increase and decrease the volume of the music by using the buttons present in the interface.

