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| # | Online Train Ticket Booking Application |
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| CODE:= | import tkinter as tk  from tkinter import messagebox  from tkinter import ttk  #from PIL import Image, ImageTk  def book\_ticket():  name = entry\_name.get()  source = entry\_source.get()  destination = entry\_destination.get()  date = entry\_date.get()  train\_class = class\_var.get()  seats = entry\_seats.get()    if not name or not source or not destination or not date or not train\_class or not seats:  messagebox.showerror("Error", "All fields are required!")  return    ticket\_details = f"""  Train Ticket Booked Successfully!  -----------------------------------  Name: {name}  From: {source}  To: {destination}  Date: {date}  Class: {train\_class}  Seats: {seats}  """  messagebox.showinfo("Ticket Confirmation", ticket\_details)  # Creating main application window  root = tk.Tk()  root.title("Train Ticket Booking")  root.geometry("500x600")  root.configure(bg="#F0E68C") # Light yellow background  # Load and display logo  try:  logo\_img = Image.open("train\_logo.png") # Ensure you have an image named train\_logo.png  logo\_img = logo\_img.resize((120, 120))  logo\_photo = ImageTk.PhotoImage(logo\_img)  tk.Label(root, image=logo\_photo, bg="#F0E68C").pack(pady=5)  except:  pass # If image not found, skip logo  # Labels and Entry fields  tk.Label(root, text="Name:", font=("Arial", 12, "bold"), bg="#F0E68C").pack(pady=5)  entry\_name = tk.Entry(root, font=("Arial", 12))  entry\_name.pack(pady=5)  tk.Label(root, text="From:", font=("Arial", 12, "bold"), bg="#F0E68C").pack(pady=5)  entry\_source = tk.Entry(root, font=("Arial", 12))  entry\_source.pack(pady=5)  tk.Label(root, text="To:", font=("Arial", 12, "bold"), bg="#F0E68C").pack(pady=5)  entry\_destination = tk.Entry(root, font=("Arial", 12))  entry\_destination.pack(pady=5)  tk.Label(root, text="Date (DD/MM/YYYY):", font=("Arial", 12, "bold"), bg="#F0E68C").pack(pady=5)  entry\_date = tk.Entry(root, font=("Arial", 12))  entry\_date.pack(pady=5)  # Train class selection  tk.Label(root, text="Class:", font=("Arial", 12, "bold"), bg="#F0E68C").pack(pady=5)  class\_var = ttk.Combobox(root, values=["First Class", "Second Class", "Sleeper", "AC 3 Tier", "AC 2 Tier", "AC 1 Tier"], font=("Arial", 12))  class\_var.pack(pady=5)  # Number of seats  tk.Label(root, text="Number of Seats:", font=("Arial", 12, "bold"), bg="#F0E68C").pack(pady=5)  entry\_seats = tk.Entry(root, font=("Arial", 12))  entry\_seats.pack(pady=5)  # Booking Button  tk.Button(root, text="Book Ticket", font=("Arial", 14, "bold"), bg="#4682B4", fg="white", command=book\_ticket).pack(pady=20)  # Run the application  root.mainloop() |
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| OUTPUT:= |  |
| Final Result:= |  |