

GPT PROMPTS FOR SKY NAVIGATION AI.

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# **Other part of project:**

1. Help me solve this in cpp, provide a brief outline. (asked about generating outline for project by giving the share project documentation)
2. Will it be totally gui based on sfml output window or both? (asked it and then asked teacher)
3. This is giving errors result[i] = UNIQUE\_CITY[path[i]] and also tell how to return an array of strings via pointer or via passing an array with reference and working it as no alias will be created.
4. Help me with saving each layout time individually and return it as an array like a pointer to double. (Discarded this method used global static variables to retain the calculated values for indirect paths.)
5. What is layover time? Is it the difference between flights in in direct routes? i mean the time period between landing of one flight and the takeoff of other flight if there is an indirect route. (asked it about the layover and then asked teacher to verify the work)
6. Help me creating a function that can return the layover class object, since it will be for connecting flights so number of flights will be greater than one, what we have to do according to the definition, we have to keep the landing time of first flight and save it and then calculate the time of the next departure by adding the hours note that the static double PREV\_DEST is defined globally, so it won’t be lost.(here I edited the Dijkstra to preserve object by tracking its data members creating an object and returning it.)
7. Is there any issue with the function? (I used this prompt multiple times and asked about asked about to increase the overall efficiency reusability approach and making it modular)
8. Asked to write a function that handles the case when we have {it is not handling the case when we have hours along mints. The time format is HH:MM}. As the string conversion function **stod** is vain in this case.

Well, there were a couple of other prompts for code correction that I cannot write here, since they will have some code snippets. Thanks.

Give me the command t install sfml on kali as I was facing issues on window.

**sudo apt update && sudo apt install libsfml-dev**

# **SFML prompts:**

1. What are the shapes available in sfml? And can we or create map like the google maps in sfml or we have to set a background image as we do in tkinter(python)?
2. What about the lines are they parabolic or straight and can we save them like we will have to save lines on the map for indirect routes.
3. Give me the sfml broiler code that loads map from file removes it background by altering the transparency or opacity.
4. Add some countries along with their offsets to it. Note avoid using STL.
5. Can we make a plane using triangle? And then simulate it from one point to another.
6. Well add the lines on routes as the plane navigates towards the destination.

[actually, I used div and conquer approach here and made it aligned with my own code. Also, I adjusted the offsets at random on the map that I used, as there were only 11 cities in Flights.txt file]

1. This will make a new pop-up window, but I want it to be adjusted with the previous code. (Asked to write a code that print all the lines on map in one go instead of closing and reopening another window.)
2. Help me to print blinking dotted line with different color for the shortest path and also maintain an arrow to see the direction for all the paths.
3. Now it is not even printing lines. Give me my corrected code back.
4. Kia sfml video integration support krta hy?
5. How to install opencv then? Give me the command to install open cv.
6. What the hell? Open cv is not supporting sound. What to do next? (it told to use linux command **ffmpeg** for separating the audio and video and then use sfml audio modules and a clock to synchronize both)
7. I want to add a bonus functionality to be added to my project therefore thinking of making a simple function that prompts the user to press button and display a letter or letters. (Simplified it to the one working now. Time constraints.)

Note: This docx is not generated by gpt and it’s not a fallacy. Thanks.