

SENG1000 - Focus Assignment #1

Requirement Checklist

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- The user will input ten pairs of C-style null-terminated strings about flights. The first string will contain the name of the destination. The second string will contain the date of the flight.
 - As always, prompt the user before getting the input.
 - The two strings must be entered on two separate lines.
 - Assume the input string will be less than 30 characters long.
- Define a struct called FlightInfo that has two fields:
 - a pointer to a char (i.e. a null-terminated string) for the destination
 - a pointer to a char (i.e. a null-terminated string) for the date
- In main(), declare an array variable of struct FlightInfo of size 10.
- Write a function called fillFlightInfo
 - This function is also where you must allocate the two blocks of memory to contain the destination string and date string.
- Write a function called printFlightInfo
 - The destination must be displayed in the first 35 characters of the line (left justified) and the date must be displayed in the next 35 characters of the line (left-justified).
- You must free all memory that you allocated using malloc(). This must happen at the end of main().
- A file header comment to the SET Coding Standards.
- Use the SET Coding Standards that are relevant.
- All variables must be declared within functions.
- Use the appropriate programming style as discussed in the lecture and Course.
- Do not clear the screen.
- Only use C language features covered in the course up to the assignment due date.