Question 1 & Question 2 submit through **Github**

Na2Na2a submit through google Drive

Question 1: Using VI editor only!!!!

1. Implement the binary search algorithm inside the **binary_search** function. Ensure that it returns the index of the searched element or -1 if the element is not present.
2. In the main function, declare an array and an element to search. Call the binary search function with appropriate arguments.
3. Make sure to print the output of the search using **printf()**
4. Compile and run your program to verify the correctness of your binary search implementation.

Question 2:

Move the binary file output to the directory **/usr/local/bin** with **sudo** permissions. Afterward, attempt to execute the binary from any working directory and explain the outcome. Provide a detailed explanation supported by evidence as to why the binary can be executed from any location.

Na2na2a:

1. List the available shells in your system.
2. List the environment variables in your current shell.
3. Display your current shell name.

4. Execute the following command :
   **echo ** then press enter
   What is the purpose of **** ?

5. Create a Bash shell alias named **PrintPath** for the “echo $PATH” command