

23 . Given a string – sort in alphabetical order

```
#include <stdio.h>

#include <string.h>

int main() {

    char s[] = "morning"; int n = strlen(s);

    for (int i = 0; i < n-1; i++)

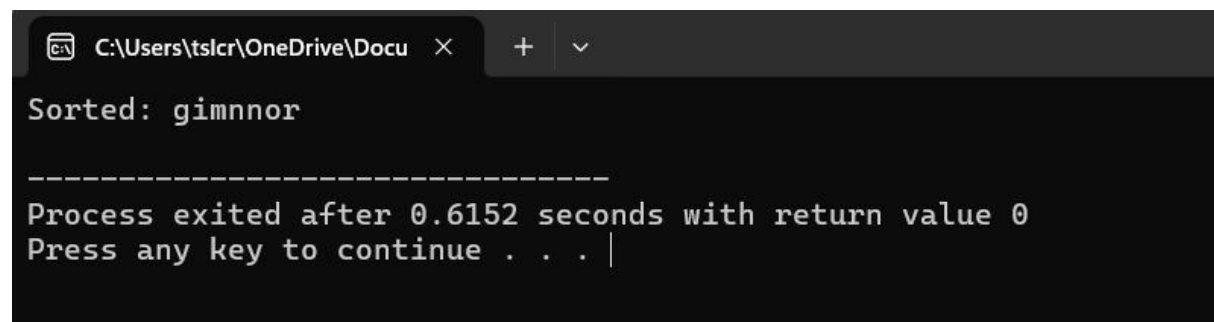
        for (int j = i+1; j < n; j++)

            if (s[i] > s[j]) { char t = s[i]; s[i] = s[j]; s[j] = t; }

    printf("Sorted: %s\n", s); return 0;

}
```

OUTPUT :

A screenshot of a Windows command prompt window. The title bar shows the file path 'C:\Users\tslcr\OneDrive\Docu' and standard window controls. The command prompt displays the output of the program: 'Sorted: gimnnor'. Below this, a separator line is shown, followed by the message 'Process exited after 0.6152 seconds with return value 0' and 'Press any key to continue . . . |' with a cursor.

```
C:\Users\tslcr\OneDrive\Docu >
Sorted: gimnnor
-----
Process exited after 0.6152 seconds with return value 0
Press any key to continue . . . |
```