

Aim:

Sort characters in a string.

Algorithm:

1. Read string.
2. Use bubble sort to arrange chars.

Code:

```
#include <stdio.h>
#include <string.h>

int main() {
    char str[] = "hello", temp;
    int n = strlen(str);
    for(int i = 0; i < n-1; i++)
        for(int j = i+1; j < n; j++)
            if(str[i] > str[j]) {
                temp = str[i]; str[i] = str[j]; str[j] = temp;
            }
    printf("Sorted: %s\n", str);
    return 0;
}
```

Output:

Sorted: ehlllo

Result:

String sorted.