

23.

```
#include <stdio.h>

#include <string.h>

#include <ctype.h>

int main() {

    char str[100], temp;

    int i, j, len;

    printf("Enter a string: ");

    fgets(str, sizeof(str), stdin);

    len = strlen(str);

    // Remove newline character if present

    if (str[len - 1] == '\n') {

        str[len - 1] = '\0';

        len--;

    }

    // Sorting characters in the string

    for(i = 0; i < len - 1; i++) {

        for(j = i + 1; j < len; j++) {

            if(str[i] > str[j]) {

                temp = str[i];

                str[i] = str[j];

                str[j] = temp;

            }

        }

    }

    printf("Sorted string: %s\n", str);

    return 0;

}
```

Output

```
Enter a string: pineapple
Sorted string: aeeilnppp
```

```
=== Code Execution Successful ===
```