

Last Index of a Character in a C String

Write a function to return the index / subscript of the last occurrence of a character in a C string. If the specified character is not in the string, the function should return -1.

```
int last_index_of(const char* s, char c);
```

Files We Give You: A `makefile` and a sample main program (`lastndx.cpp`) to test your solution. The executable file created by a successful build will be named `lastndx`.

File You Must Submit: Place your solution code in a file named `solution.cpp`. This will be the only file that you submit.

Examples

Input: `s = "adamant", c = 'a'`

Returns: 4

Input: `s = "adamant", c = 'm'`

Returns: 3

Input: `s = "inhabitant", c = 'x'`

Returns: -1