

# Index of a Character in a C String

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

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

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

**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:** 0

**Input:** `s = "inhabitant", c = 'a'`

**Returns:** 3

**Input:** `s = "adamant", c = 'x'`

**Returns:** -1