```c
#include <stdio.h>
#include <string.h>
int main() {
char haystack[] = "hello world";
char needle[] = "world";
int hayLen = strlen(haystack);
int needleLen = strlen(needle);
int index = -1;
if (needleLen <= hayLen) {
for (int i = 0; i <= hayLen - needleLen; ++i) {
int j;
for (j = 0; j < needleLen; ++j) {
if (haystack[i + j] != needle[j]) {
break;
}
}
if (j == needleLen) {
index = i; // Match found at index i
break;
}
}
}
if (index != -1) {
printf("Substring found at index: %d\n", index);
} else {
printf("Substring not found\n");
}
return 0;
}
```