

str "ab ab ab"

sub "ab" \rightarrow 3

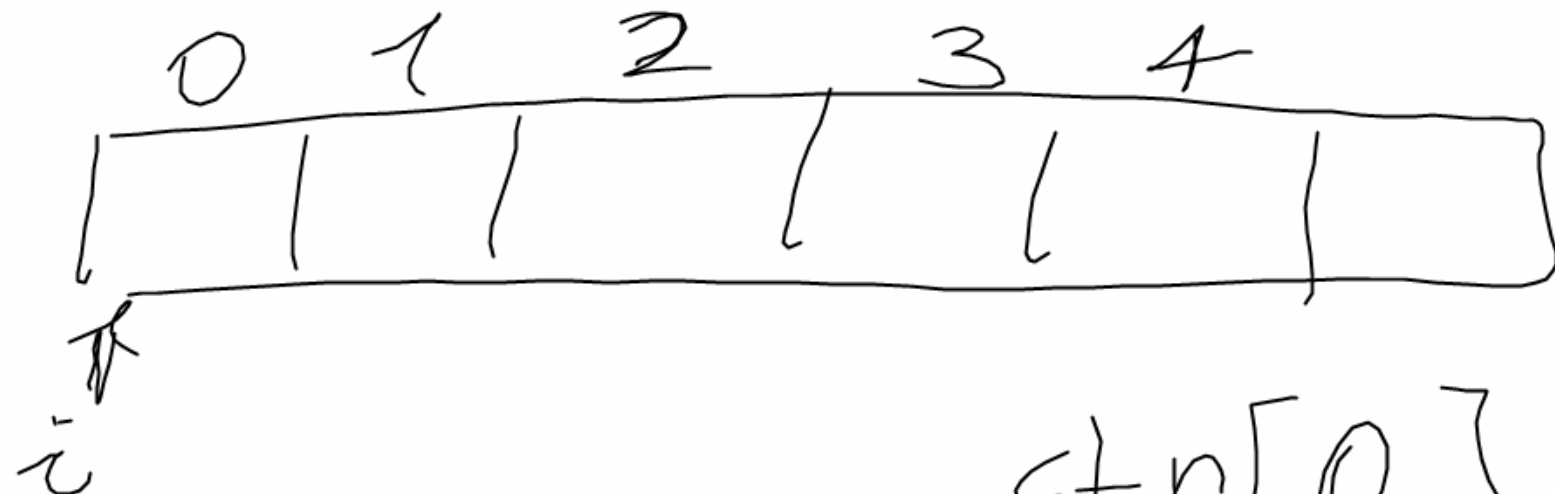
sub "a_b_a" \rightarrow ~~2~~ 2

sub "bab" \rightarrow 2

sub "aa" \rightarrow 0

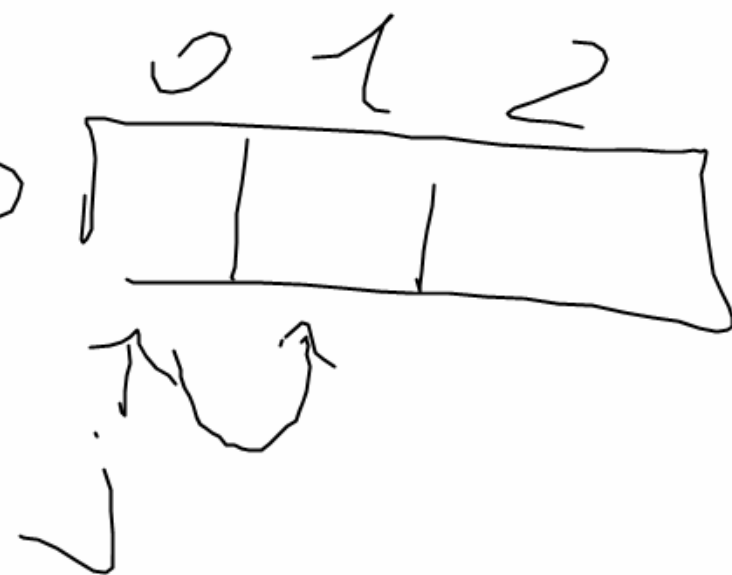
for(
i=0

str



for(
k
j=0

sub



str[0] == sub[0]

str[1] == sub[1]

str[2] == sub[2]

if (str[i+j] == sub[j])

```
int (char str[], char sub[]) {
```

```
int i; int j; int cnt=0;      ; int s;
```

```
int dimStr = strlen(str); int dimSub = strlen(sub);
```

```
for (i=0; i < (dimStr - dimSub); i++) {
```

```
    for (j=0; j < dimSub; j++) {
```

```
        if (str[i+j] == sub[j]) {
```

```
            cnt++;
        }
    }
}
```

```
        if (j == dimSub) { cnt++; }
```

```
        s = 0;
```

```
    }
```

```
    return(cnt);
```

```
}
```