

Strings

```
char s[20];
char nome[] = "carlos";
```

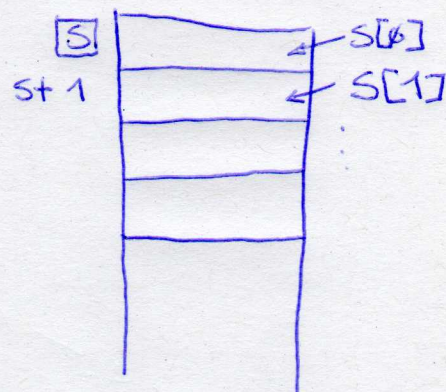
```
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```

```
strcpy(nome, "12345 / 789 \0");
```



string.h

- strcmp
- strcpy
- strlen
- ...



```
char *r
int strlen(char r[])
{
    int res = 0; i = 0;
    while (r[i] != '\0')
    {
        i++;
        res++;
    }
    return(res);
}
```

```
int strlen(char *r)
{
    if (*r == '\0')
    {
        return 0;
    }
    else
    {
        return 1 + strlen(r+1);
    }
}
```

Leitura de strings

```
scanf("%20s", nome);
gets(nome); → inseguro
fgets(stdin, nome, 19);
```

• entrada
stdin → teclado

• saída
stdout → monitor
stderr → canal de erros
stderr → impressora

