# CS 315-02  C Strings Options

## Syllabus

## Office hours

## Network Access

Register your device + VPN (Global Protect)

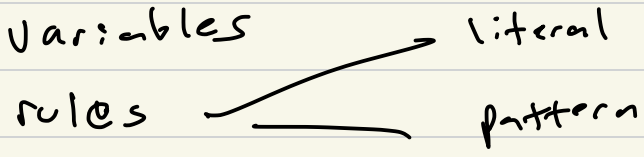Micro + vim + other then nano

## Lab01 and autograder

## Clean repo

## Autograder

1) install autograder
2) install (clone) tests
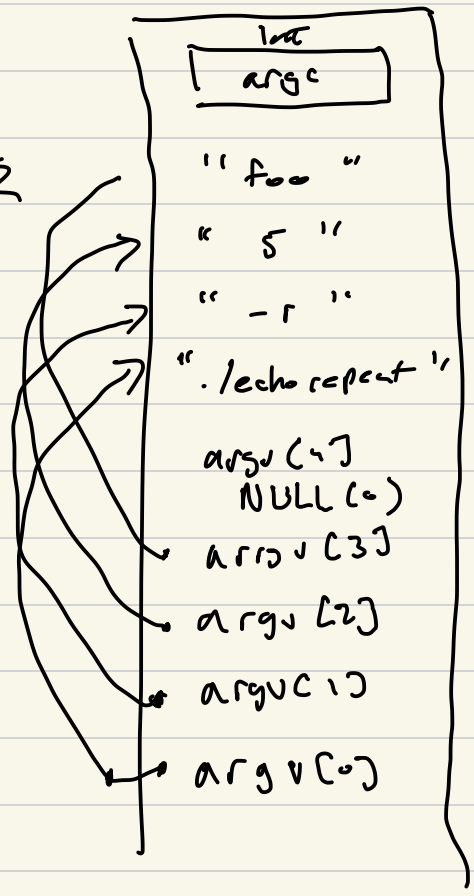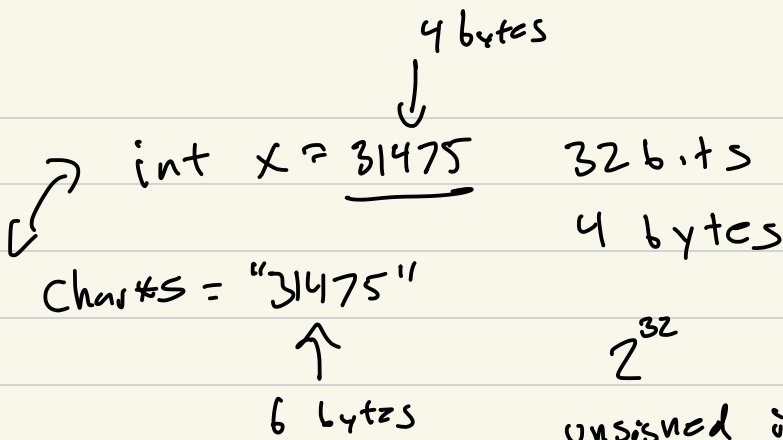3) config ~/.config/grade/config.toml
4) put grade on your PATH

# Make

variables ⟍ literal
rules ⟋ pattern

```
[ ./echorepeat  -r 5  foo

int main(int argc, char *argv[]) {



}
```

int
argc

"foo"
" 5 "
" -r "
".echo repeat"

argv[4]
NULL(0)
arrv[3]
argv[2]
argv[1]
argv[0]

4 bytes
↓
→ int x = 31475    32 bits
                   4 bytes

Char *s = "31475"
          ↑
        6 bytes

$2^{32}$

unsigned int
0 to $2^{32} - 1$   4 billion

base 10   decimal          int
base 2    binary
base 16   hexadecimal   $(-2^{31})$ to $(2^{31} - 1)$