Agenda
→ Portfolio assignment
→ i/o in C

↓

GitHub + git
+
getting started

Local
computer

git push -u origin branchname

github

PR? → me ✓
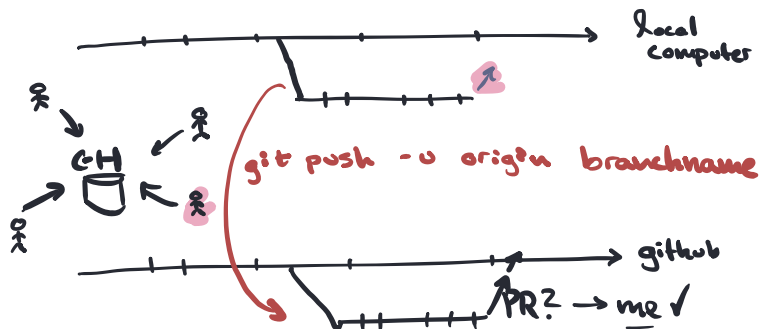
printf   scanf

formatted i/o

```
>  ./ hello
5
4
3
2
1
Hello world!              ⟶ person's name (prompt for input)
```

printf (format string, value0, value1, ...)

        ⟶ "hello %s", name   %s - string
                                 %d - decimal
                                 %f - float
        placeholders: %c - character

printf ("hello %s %s", first, last)

printF (" %s is %d years old", name, age);

    Read name:
        scanf — formatted input

        scanf ("Format string", var0, var1, ...)
                              ⟶ ok for strings, etc
        scanf (" %s", name)
        scanf (" %d", &age)

I used scanf to...

No! Use fgets!

fgets (var, size, stdin)
↳ read an entire line from input source
returns char *
↳ NULL
includes newline!

Ctrl+d = EOF
Ctrl+c = kill program

if (fgets (str, n, stdin) == NULL) {
    // no more input!
}

fgets (string , size , stdin)

"hi \n"   ⟶   "hi "\0
 0 1 2