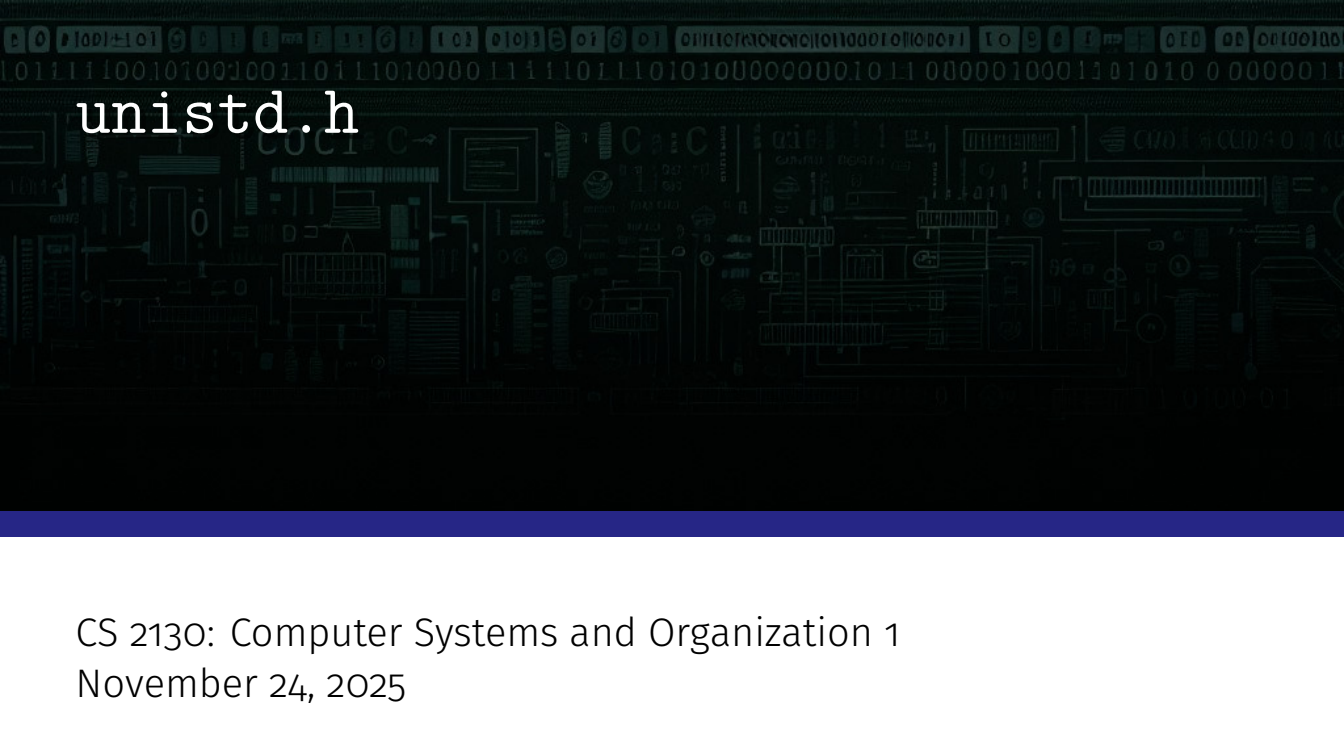




unistd.h

CS 2130: Computer Systems and Organization 1
November 24, 2025

Announcements

- Homework 9 due tonight on Gradescope
- Lab 11 tomorrow (can check off for full credit by 12/5)
- No homework or quiz over break

stdio.h manual page

printf

```
int printf(const char *format, ...);  
int fprintf(FILE *stream, const char *format, ...);
```

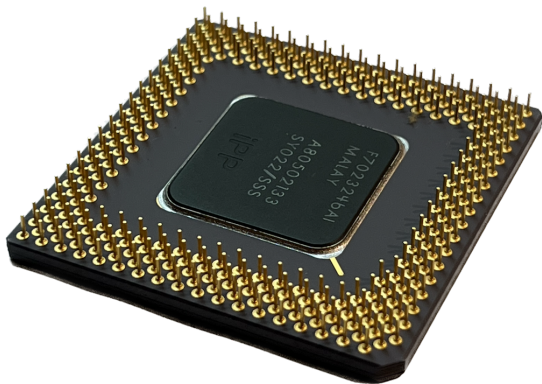
Could you write `printf`?

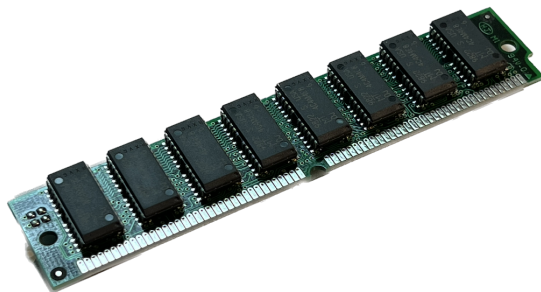
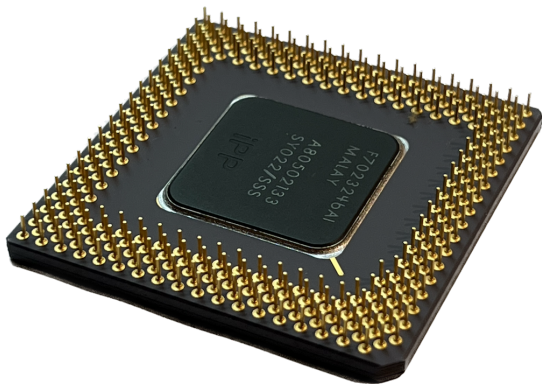
printf

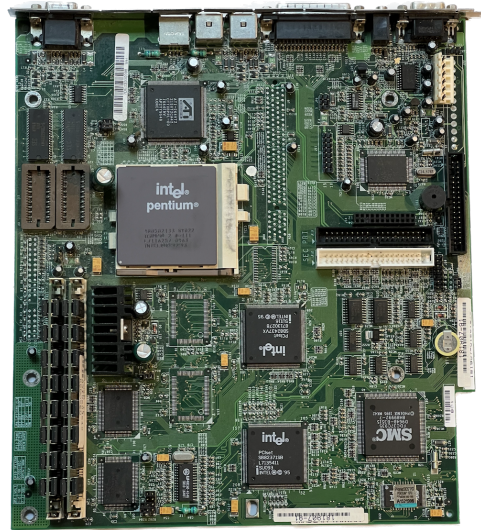
```
int printf(const char *format, ...);
```

```
printf("hi: %s and %d\n", mystr, myint);
```

Backing up...







Syscalls

write

`write:`

- Argument checking
- `syscall`
- Return value checking
- `ret`

Using `write`