



CS 241 Section
(10/27/11)

Outline

- MP6
- Return Value of select()
- Coding!

MP6

- Any questions?

select()

- ```
int select(
 int nfd,
 fd_set *restrict readfds,
 fd_set *restrict writefds,
 fd_set *restrict errorfds,
 struct timeval *restrict timeout
);
```

# select()

- ```
int select(  
    int nfd,  
    fd_set *restrict readfds,  
    fd_set *restrict writefds,  
    fd_set *restrict errorfds,  
    struct timeval *restrict timeout  
);
```

Return Value:

Number of fds ready to be acted upon.

select()

- ```
int select(
 int nfd,
 fd_set *restrict readfds,
 fd_set *restrict writefds,
 fd_set *restrict errorfds,
 struct timeval *restrict timeout
);
```

R

nfd:

max(fds) + 1 or FD\_SETSIZE

# Coding

- In ds10, we'll look at using:
  - pipe() to communicate between threads
  - select() to do I/O multiplexing
- As always:  
**ds/ds10/1.c**