CS326 File Descriptors

Coding Assistants

1) Code yourself

2) Ask for Hints on getting started

3) KER for Nints on problems/buss

It you do generate a solution, then

inspect and setactor the code.

Ask for explanations

Ask clarifying question

## File Descriptors

Key UNIX Linux abstraction Process Main() 2 int fd; fa=open("foo",) O- POONLY n = read (fd, but, 16); proc Console stdoct stderr File System file intor

& Cat foo nello File I/O with a buffer. Char but [512] 511 J fd = oven ("fo-" read (fy but ) 1) set Mandle file struct

```
readline ()
 max len = 255
 cat -n
    Unile (n:=-) 9
         N= Frad line ( bot )
          print line # y line Str
   int index= 0
   fd=open ("foo. +xt")
inder= do-cot (fd, dinder)
  close (fd)
  fd = open ( "bar.txt")
     do-cat (fd , findex)
   close (fd)
```

Sort

assumptions max line Ion 80 char max # of lines

Chur linebuf DooJ [70]

= line\_gt (char x line\_a , cher x line\_6)

lexicographic

"200 " > " abe"