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/********
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Project: Final
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File: more.c
*********
#include "ucode.c"
int readLine(int in, char*buf)
   int ok, i = 0;
   char c;
   while(1)
       ok = read(in, &c, 1);
       if(!ok)
           return 0;
       if(c == '\n' || c == '\r')
           buf[i++] = '\n';
           return i;
       else
           buf[i++] = c;
   }
}
main(int argc, char** argv)
   int in = 0, stdout = 1, ttyin, ttyout, lines, count;
   char buf[1024], c, *tty;
   gettty(tty);
   ttyin = open(tty, O_RDONLY);
   ttyout = open(tty, O_WRONLY);
   if(argc == 2)
       in = open(argv[1], O_RDONLY);
   }
   for(lines = 20; lines > 0; lines--)
       count = readLine(in, buf);
       if(count == 0)
           exit(1);
       write(stdout, buf, count);
       write(ttyout, "\r", 1);
   while(1)
       read(ttyin, &c, 1);
       if(c = \dot{} ' \ \dot{} \Gamma')
```

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{
    lines = 1;
}
else if (c == ' ')
{
    lines = 20;
}
else if(c == 'q')
{
    exit(1);
}
else
{
    continue;
}
for(;lines > 0; lines--)
{
    count = readLine(in, buf);
    if(count == 0)
    {
        exit(1);
    }
    write(stdout, buf, count);
    write(ttyout, "\r", 1);
}
}
```