```c
#include  <sys/types.h>
#include  "ourhdr.h"

static void charatatime(char *);

int  main(void) {
    pid_t  pid;
    pid = fork();
    if ( pid  < 0)    err_sys("fork error");

    else if (pid == 0) { /* child only */
      charatatime("output from child\n");
    }
    else { /* pid > 0;  parent only*/
        charatatime("output from
            parent\n");
    }
    exit(0); /* both child and parent */
}
```

```
static void  charatatime(char *str) {
    char    *ptr;
    int      c;
    setbuf(stdout, NULL);  /* unbuffered */

    for (ptr = str; c = *ptr++; )
        putc(c, stdout);
}
/***********************
```

Example Outputs

output from child
output from parent

oouuttppuutt ffrroomm cphairledn
t

ooutput from parent
utput from child

```
*******************/
```