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* This application program is to test the class devices created
under hello character driver

* Compile the code by gcc

* Make sure the hello driver is inserted

* Run the executable

* Enter device name hello1 or hello2 or hello3

* Output will print on terminal .

* Also run "dmesg" to see what happened during read function
called in application

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#include "stdio.h"
#include "fcntl.h"

int main(void)

{

char dev_name[7] = {0};

char dev_node[15] = {0};

char buf[23] = {0};

int fd = 0;

printf("Enter the device name to open \n Choices are\n a) hello1
\n b) hello2 \n c) hello3 \n ");

scanf("%s", &dev_name);

printf("The device name you entered is %s\n", dev_name);

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    sprintf(dev_node, "/dev/%s", dev_name);
    fd = open(dev_node, O_RDWR);
    if(-1 == fd)
    {
        printf("Couldn't Open the device %s\n", dev_node);
        return -1;
    }
    else
    {
        printf("Opened the device %s \n", dev_node);
    }
    read(fd, &buf, 23);
    printf("Data read from device %s is \n %s\n",dev_name, buf);
    return 0;
}
```