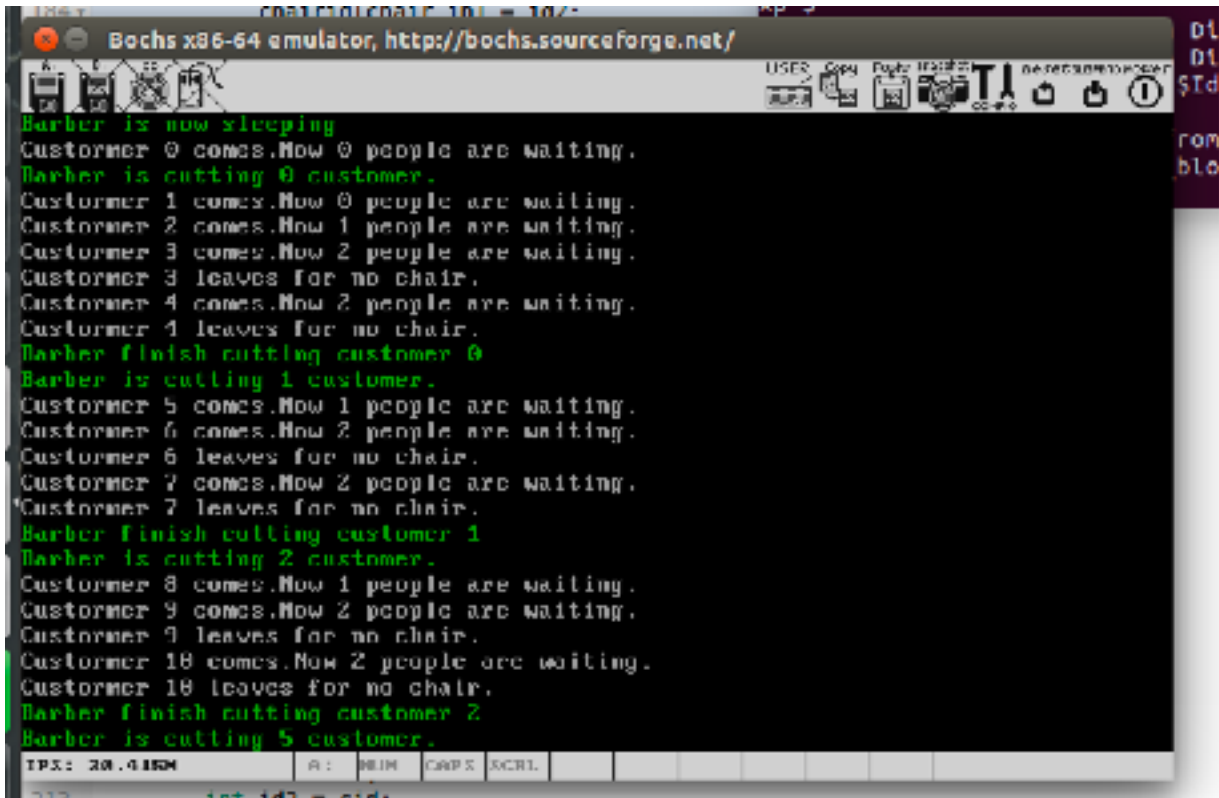
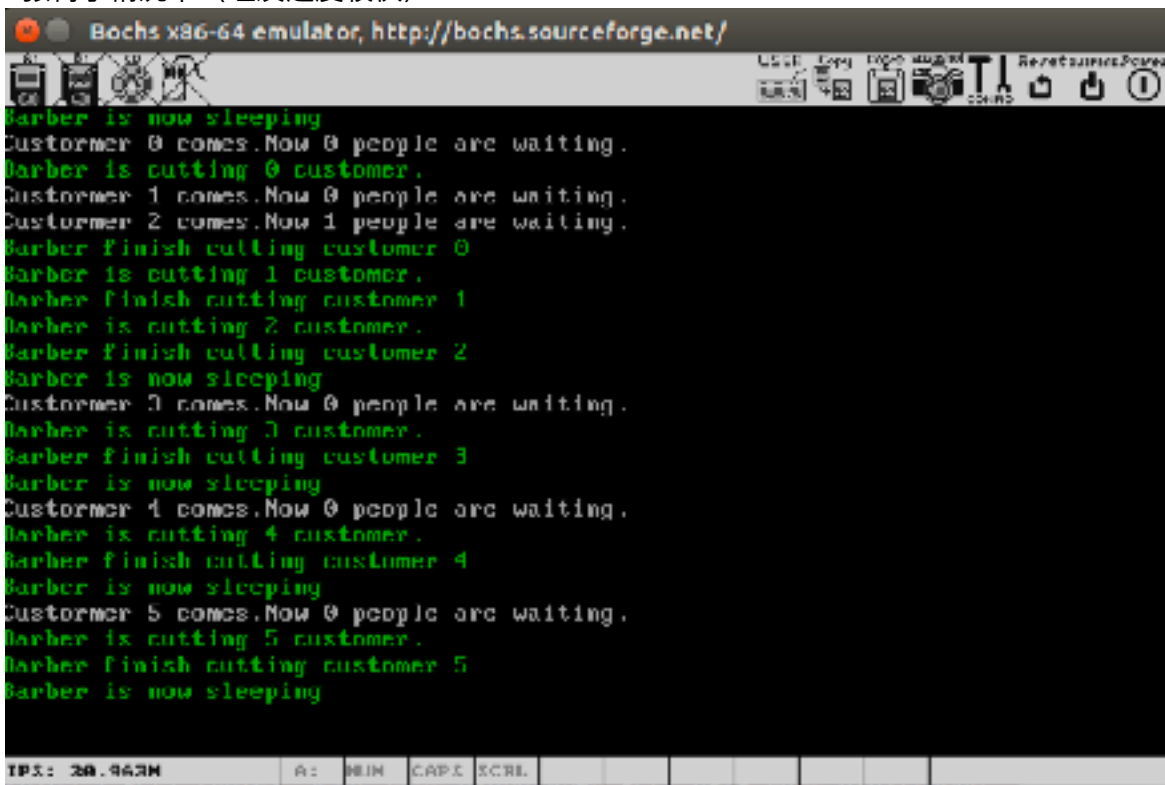


2张椅子的情况下（理发速度较慢）：



```
Bochs x86-64 emulator, http://bochs.sourceforge.net/
Barber is now sleeping
Customer 0 comes.Now 0 people are waiting.
Barber is cutting 0 customer.
Customer 1 comes.Now 0 people are waiting.
Customer 2 comes.Now 1 people are waiting.
Customer 3 comes.Now 2 people are waiting.
Customer 3 leaves for no chair.
Customer 4 comes.Now 2 people are waiting.
Customer 4 leaves for no chair.
Barber finish cutting customer 0
Barber is cutting 1 customer.
Customer 5 comes.Now 1 people are waiting.
Customer 6 comes.Now 2 people are waiting.
Customer 6 leaves for no chair.
Customer 7 comes.Now 2 people are waiting.
Customer 7 leaves for no chair.
Barber finish cutting customer 1
Barber is cutting 2 customer.
Customer 8 comes.Now 1 people are waiting.
Customer 9 comes.Now 2 people are waiting.
Customer 9 leaves for no chair.
Customer 10 comes.Now 2 people are waiting.
Customer 10 leaves for no chair.
Barber finish cutting customer 2
Barber is cutting 3 customer.
TPS: 20.412M A: NEIN CAPS SCRL
```

2张椅子情况下（理发速度较快）：



```
Bochs x86-64 emulator, http://bochs.sourceforge.net/
Barber is now sleeping
Customer 0 comes.Now 0 people are waiting.
Barber is cutting 0 customer.
Customer 1 comes.Now 0 people are waiting.
Customer 2 comes.Now 1 people are waiting.
Barber finish cutting customer 0
Barber is cutting 1 customer.
Barber finish cutting customer 1
Barber is cutting 2 customer.
Barber finish cutting customer 2
Barber is now sleeping
Customer 3 comes.Now 0 people are waiting.
Barber is cutting 3 customer.
Barber finish cutting customer 3
Barber is now sleeping
Customer 4 comes.Now 0 people are waiting.
Barber is cutting 4 customer.
Barber finish cutting customer 4
Barber is now sleeping
Customer 5 comes.Now 0 people are waiting.
Barber is cutting 5 customer.
Barber finish cutting customer 5
Barber is now sleeping
TPS: 20.962M A: NEIN CAPS SCRL
```

使用了orange第六章的最后一份源码（r），在r的基础上，修改了proc.c、main.c、system.asm以及它们对应的头文件。在proc.c中加入了系统调用的实现，并在system.asm中将函数加入系统调用。在main.c中把原来的TestABC改为了一个普通进程、一个理发师进程和三个客户进程。