```
Enter total student number: 5
Enter total tutor number: 2
Enter total chair number: 3
Enter maximum help number: 2

Student: Student 1 takes a seat.
Student: Empty chairs = 2

Student: Student 2 takes a seat.
Student: Empty chairs = 1

Student: Student 3 takes a seat.
Student: Empty chairs = 0

Student: Student 4 found no empty chair.

Student: Student 5 found no empty chair.

Coordinator: Student 1 with priority 0 in the queue.

Coordinator: Student 2 with priority 0 in the queue.

Coordinator: Student 3 with priority 0 in the queue.

Student: Student 4 found no empty chair.

Student: Student 5 found no empty chair.

Student: Student 4 takes a seat.
Student: Empty chairs = 1

Student: Student 5 takes a seat.
Student: Empty chairs = 0

Tutor: Student 1 tutored by Tutor 1

Tutor: Student 2 tutored by Tutor 2

Student: Student 1 received help.

Coordinator: Student 4 with priority 0 in the queue.
```

```
Student: Student 2 received help.

Coordinator: Student 5 with priority 0 in the queue.

Student: Student 1 priority now is 1

Student: Student 2 priority now is 1

Tutor: Student 3 tutored by Tutor 1

Student: Student 1 takes a seat.
Student: Empty chairs = 1

Student: Student 3 received help.

Tutor: Student 4 tutored by Tutor 2

Student: Student 2 takes a seat.
Student: Empty chairs = 0

Student: Student 4 received help.

Coordinator: Student 1 with priority 1 in the queue.

Coordinator: Student 2 with priority 1 in the queue.

Student: Student 3 priority now is 1

Student: Student 4 priority now is 1

Tutor: Student 5 tutored by Tutor 1

Student: Student 5 received help.

Student: Student 3 takes a seat.
Student: Empty chairs = 1
```

```
Student: Student 4 takes a seat.
Student: Empty chairs = 0

Tutor: Student 1 tutored by Tutor 2

Student: Student 1 received help.

Coordinator: Student 3 with priority 1 in the queue.

Coordinator: Student 4 with priority 1 in the queue.

Student: Student 5 priority now is 1

Student: Student 1 priority now is 2

Tutor: Student 2 tutored by Tutor 1

Student: Student 2 received help.

Student: Student 5 takes a seat.
Student: Empty chairs = 1


student 1 terminates

Tutor: Student 3 tutored by Tutor 2

Coordinator: Student 5 with priority 1 in the queue.

Student: Student 3 received help.

Student: Student 2 priority now is 2

Tutor: Student 4 tutored by Tutor 1

Student: Student 4 received help.

Student: Student 3 priority now is 2
```

```
student 2 terminates


Tutor: Student 5 tutored by Tutor 2

Student: Student 4 priority now is 2

Student: Student 5 received help.

Student: Student 5 priority now is 2


student 5 terminates


student 3 terminates


student 4 terminates


tutor 1 terminates


tutor 2 terminates


coordinator terminates


Process returned 0 (0x0)   execution time : 21.293 s
Press any key to continue.
```