

1. Press 1 for Producer
2. Press 2 for Consumer
3. Press 3 for Exit

Enter your choice:2

Buffer is empty!

Enter your choice:1

Producer produces item 1

Enter your choice:1

Producer produces item 2

Enter your choice:1

Producer produces item 3

Enter your choice:2

Consumer consumes item 3

Enter your choice:2

Consumer consumes item 2

Enter your choice:2

Consumer consumes item 1

Enter your choice:2

Buffer is empty!

Enter your choice:3

Process exited after 10.77 seconds with return value 0
Press any key to continue . . .

DINING PHILOSOPHER PROBLEM

Enter the total no of philosophers: 5

How many are hungry: 3

Enter philosopher 1 position: 2

Enter philosopher 2 position: 3

Enter philosopher 3 position: 4

1.One can eat at a time 2.Two can eat at a time 3.Exit

Enter your choice: 2

Allow two philosophers to eat at same time

Combination 1

P2 and P4 are granted to eat

P3 is waiting

1.One can eat at a time 2.Two can eat at a time 3.Exit

Enter your choice: 1

Allow one philosopher to eat at any time

P2 is granted to eat

P3 is waiting

P4 is waiting

P3 is granted to eat

P4 is waiting

P4 is granted to eat

1.One can eat at a time 2.Two can eat at a time 3.Exit

Enter your choice: 3

Process exited after 21.8 seconds with return value 0

Press any key to continue . . .