TEST2

- N=50
- Q=5
- Tsim(max)=60 seconds
- Tarr(min)=2, Tarr(max)=40 seconds
- Tser(min)=1, Tser(max)=7 seconds

```
Time 0
Waiting Clients:  (19 , 14 , 1) (22 , 32 , 1) (24 , 25 , 1) (26 , 29 , 1) (36
, 9 , 1) (45 , 35 , 1) (12 , 32 , 2) (13 , 6 , 2) (15 , 20 , 2) (18 , 18 , 2)
(21 , 27 , 2) (28 , 37 , 2) (31 , 32 , 2) (41 , 7 , 2) (46 , 2 , 2) (49 , 14
, 2) (4 , 10 , 3) (10 , 22 , 3) (34 , 17 , 3) (37 , 8 , 3) (38 , 13 , 3) (44
, 38 , 3) (48 , 36 , 3) (2 , 18 , 4) (29 , 23 , 4) (32 , 39 , 4) (47 , 36 ,
4) (9 , 15 , 5) (11 , 7 , 5) (25 , 32 , 5) (27 , 32 , 5) (33 , 34 , 5) (35 ,
21 , 5) (40 , 27 , 5) (43 , 39 , 5) (3 , 2 , 6) (5 , 3 , 6) (6 , 17 , 6) (7 ,
13 , 6) (17 , 2 , 6) (20 , 18 , 6) (23 , 28 , 6) (30 , 6 , 6) (0 , 8 , 7) (1
, 4 , 7) (8 , 23 , 7) (14 , 20 , 7) (16 , 24 , 7) (39 , 19 , 7) (42 , 25 , 7)
Queue 0: closed
Queue 1: closed
Queue 2: closed
Queue 3: closed
Queue 4: closed

Time 1
Waiting Clients:  (19 , 14 , 1) (22 , 32 , 1) (24 , 25 , 1) (26 , 29 , 1) (36
, 9 , 1) (45 , 35 , 1) (12 , 32 , 2) (13 , 6 , 2) (15 , 20 , 2) (18 , 18 , 2)
(21 , 27 , 2) (28 , 37 , 2) (31 , 32 , 2) (41 , 7 , 2) (46 , 2 , 2) (49 , 14
, 2) (4 , 10 , 3) (10 , 22 , 3) (34 , 17 , 3) (37 , 8 , 3) (38 , 13 , 3) (44
, 38 , 3) (48 , 36 , 3) (2 , 18 , 4) (29 , 23 , 4) (32 , 39 , 4) (47 , 36 ,
4) (9 , 15 , 5) (11 , 7 , 5) (25 , 32 , 5) (27 , 32 , 5) (33 , 34 , 5) (35 ,
21 , 5) (40 , 27 , 5) (43 , 39 , 5) (3 , 2 , 6) (5 , 3 , 6) (6 , 17 , 6) (7 ,
13 , 6) (17 , 2 , 6) (20 , 18 , 6) (23 , 28 , 6) (30 , 6 , 6) (0 , 8 , 7) (1
, 4 , 7) (8 , 23 , 7) (14 , 20 , 7) (16 , 24 , 7) (39 , 19 , 7) (42 , 25 , 7)
Queue 0: closed
Queue 1: closed
Queue 2: closed
Queue 3: closed
Queue 4: closed

Time 2
Waiting Clients:  (19 , 14 , 1) (22 , 32 , 1) (24 , 25 , 1) (26 , 29 , 1) (36
, 9 , 1) (45 , 35 , 1) (12 , 32 , 2) (13 , 6 , 2) (15 , 20 , 2) (18 , 18 , 2)
(21 , 27 , 2) (28 , 37 , 2) (31 , 32 , 2) (41 , 7 , 2) (49 , 14 , 2) (4 , 10
, 3) (10 , 22 , 3) (34 , 17 , 3) (37 , 8 , 3) (38 , 13 , 3) (44 , 38 , 3) (48
, 36 , 3) (2 , 18 , 4) (29 , 23 , 4) (32 , 39 , 4) (47 , 36 , 4) (9 , 15 , 5)
(11 , 7 , 5) (25 , 32 , 5) (27 , 32 , 5) (33 , 34 , 5) (35 , 21 , 5) (40 , 27
, 5) (43 , 39 , 5) (5 , 3 , 6) (6 , 17 , 6) (7 , 13 , 6) (20 , 18 , 6) (23 ,
28 , 6) (30 , 6 , 6) (0 , 8 , 7) (1 , 4 , 7) (8 , 23 , 7) (14 , 20 , 7) (16 ,
```

```
24 , 7) (39 , 19 , 7) (42 , 25 , 7)
Queue 0:  (46 , 2 , 2)
Queue 1:  (3 , 2 , 6)
Queue 2:  (17 , 2 , 6)
Queue 3: closed
Queue 4: closed

Time 3
Waiting Clients:  (19 , 14 , 1) (22 , 32 , 1) (24 , 25 , 1) (26 , 29 , 1) (36
, 9 , 1) (45 , 35 , 1) (12 , 32 , 2) (13 , 6 , 2) (15 , 20 , 2) (18 , 18 , 2)
(21 , 27 , 2) (28 , 37 , 2) (31 , 32 , 2) (41 , 7 , 2) (49 , 14 , 2) (4 , 10
, 3) (10 , 22 , 3) (34 , 17 , 3) (37 , 8 , 3) (38 , 13 , 3) (44 , 38 , 3) (48
, 36 , 3) (2 , 18 , 4) (29 , 23 , 4) (32 , 39 , 4) (47 , 36 , 4) (9 , 15 , 5)
(11 , 7 , 5) (25 , 32 , 5) (27 , 32 , 5) (33 , 34 , 5) (35 , 21 , 5) (40 , 27
, 5) (43 , 39 , 5) (6 , 17 , 6) (7 , 13 , 6) (20 , 18 , 6) (23 , 28 , 6) (30
, 6 , 6) (0 , 8 , 7) (1 , 4 , 7) (8 , 23 , 7) (14 , 20 , 7) (16 , 24 , 7) (39
, 19 , 7) (42 , 25 , 7)
Queue 0:  (46 , 2 , 2)
Queue 1:  (3 , 2 , 6)
Queue 2:  (17 , 2 , 6)
Queue 3:  (5 , 3 , 6)
Queue 4: closed

Time 4
Waiting Clients:  (19 , 14 , 1) (22 , 32 , 1) (24 , 25 , 1) (26 , 29 , 1) (36
, 9 , 1) (45 , 35 , 1) (12 , 32 , 2) (13 , 6 , 2) (15 , 20 , 2) (18 , 18 , 2)
(21 , 27 , 2) (28 , 37 , 2) (31 , 32 , 2) (41 , 7 , 2) (49 , 14 , 2) (4 , 10
, 3) (10 , 22 , 3) (34 , 17 , 3) (37 , 8 , 3) (38 , 13 , 3) (44 , 38 , 3) (48
, 36 , 3) (2 , 18 , 4) (29 , 23 , 4) (32 , 39 , 4) (47 , 36 , 4) (9 , 15 , 5)
(11 , 7 , 5) (25 , 32 , 5) (27 , 32 , 5) (33 , 34 , 5) (35 , 21 , 5) (40 , 27
, 5) (43 , 39 , 5) (6 , 17 , 6) (7 , 13 , 6) (20 , 18 , 6) (23 , 28 , 6) (30
, 6 , 6) (0 , 8 , 7) (8 , 23 , 7) (14 , 20 , 7) (16 , 24 , 7) (39 , 19 , 7)
(42 , 25 , 7)
Queue 0:  (1 , 4 , 7)
Queue 1:  (3 , 2 , 6)
Queue 2:  (17 , 2 , 6)
Queue 3:  (5 , 3 , 6)
Queue 4: closed

Time 5
Waiting Clients:  (19 , 14 , 1) (22 , 32 , 1) (24 , 25 , 1) (26 , 29 , 1) (36
, 9 , 1) (45 , 35 , 1) (12 , 32 , 2) (13 , 6 , 2) (15 , 20 , 2) (18 , 18 , 2)
(21 , 27 , 2) (28 , 37 , 2) (31 , 32 , 2) (41 , 7 , 2) (49 , 14 , 2) (4 , 10
, 3) (10 , 22 , 3) (34 , 17 , 3) (37 , 8 , 3) (38 , 13 , 3) (44 , 38 , 3) (48
, 36 , 3) (2 , 18 , 4) (29 , 23 , 4) (32 , 39 , 4) (47 , 36 , 4) (9 , 15 , 5)
(11 , 7 , 5) (25 , 32 , 5) (27 , 32 , 5) (33 , 34 , 5) (35 , 21 , 5) (40 , 27
, 5) (43 , 39 , 5) (6 , 17 , 6) (7 , 13 , 6) (20 , 18 , 6) (23 , 28 , 6) (30
, 6 , 6) (0 , 8 , 7) (8 , 23 , 7) (14 , 20 , 7) (16 , 24 , 7) (39 , 19 , 7)
(42 , 25 , 7)
Queue 0:  (1 , 4 , 7)
Queue 1:  (3 , 2 , 6)
Queue 2:  (17 , 2 , 6)
Queue 3:  (5 , 3 , 6)
Queue 4: closed

Time 6
Waiting Clients:  (19 , 14 , 1) (22 , 32 , 1) (24 , 25 , 1) (26 , 29 , 1) (36
```

```
, 9 , 1) (45 , 35 , 1) (12 , 32 , 2) (15 , 20 , 2) (18 , 18 , 2) (21 , 27 ,
2) (28 , 37 , 2) (31 , 32 , 2) (41 , 7 , 2) (49 , 14 , 2) (4 , 10 , 3) (10 ,
22 , 3) (34 , 17 , 3) (37 , 8 , 3) (38 , 13 , 3) (44 , 38 , 3) (48 , 36 , 3)
(2 , 18 , 4) (29 , 23 , 4) (32 , 39 , 4) (47 , 36 , 4) (9 , 15 , 5) (11 , 7 ,
5) (25 , 32 , 5) (27 , 32 , 5) (33 , 34 , 5) (35 , 21 , 5) (40 , 27 , 5) (43
, 39 , 5) (6 , 17 , 6) (7 , 13 , 6) (20 , 18 , 6) (23 , 28 , 6) (0 , 8 , 7)
(8 , 23 , 7) (14 , 20 , 7) (16 , 24 , 7) (39 , 19 , 7) (42 , 25 , 7)
Queue 0:   (1 , 4 , 7)
Queue 1:   (3 , 2 , 6) (30 , 6 , 6)
Queue 2:   (17 , 2 , 6)
Queue 3:   (5 , 3 , 6)
Queue 4:   (13 , 6 , 2)

Time 7
Waiting Clients:  (19 , 14 , 1) (22 , 32 , 1) (24 , 25 , 1) (26 , 29 , 1) (36
, 9 , 1) (45 , 35 , 1) (12 , 32 , 2) (15 , 20 , 2) (18 , 18 , 2) (21 , 27 ,
2) (28 , 37 , 2) (31 , 32 , 2) (49 , 14 , 2) (4 , 10 , 3) (10 , 22 , 3) (34 ,
17 , 3) (37 , 8 , 3) (38 , 13 , 3) (44 , 38 , 3) (48 , 36 , 3) (2 , 18 , 4)
(29 , 23 , 4) (32 , 39 , 4) (47 , 36 , 4) (9 , 15 , 5) (25 , 32 , 5) (27 , 32
, 5) (33 , 34 , 5) (35 , 21 , 5) (40 , 27 , 5) (43 , 39 , 5) (6 , 17 , 6) (7
, 13 , 6) (20 , 18 , 6) (23 , 28 , 6) (0 , 8 , 7) (8 , 23 , 7) (14 , 20 , 7)
(16 , 24 , 7) (39 , 19 , 7) (42 , 25 , 7)
Queue 0:   (1 , 4 , 7)
Queue 1:   (3 , 2 , 6) (30 , 6 , 6)
Queue 2:   (17 , 2 , 6) (41 , 7 , 2)
Queue 3:   (5 , 3 , 6)
Queue 4:   (13 , 6 , 2) (11 , 7 , 5)

Time 8
Waiting Clients:  (19 , 14 , 1) (22 , 32 , 1) (24 , 25 , 1) (26 , 29 , 1) (36
, 9 , 1) (45 , 35 , 1) (12 , 32 , 2) (15 , 20 , 2) (18 , 18 , 2) (21 , 27 ,
2) (28 , 37 , 2) (31 , 32 , 2) (49 , 14 , 2) (4 , 10 , 3) (10 , 22 , 3) (34 ,
17 , 3) (38 , 13 , 3) (44 , 38 , 3) (48 , 36 , 3) (2 , 18 , 4) (29 , 23 , 4)
(32 , 39 , 4) (47 , 36 , 4) (9 , 15 , 5) (25 , 32 , 5) (27 , 32 , 5) (33 , 34
, 5) (35 , 21 , 5) (40 , 27 , 5) (43 , 39 , 5) (6 , 17 , 6) (7 , 13 , 6) (20
, 18 , 6) (23 , 28 , 6) (8 , 23 , 7) (14 , 20 , 7) (16 , 24 , 7) (39 , 19 ,
7) (42 , 25 , 7)
Queue 0:   (1 , 4 , 7)
Queue 1:   (30 , 6 , 6)
Queue 2:   (41 , 7 , 2) (0 , 8 , 7)
Queue 3:   (5 , 3 , 6) (37 , 8 , 3)
Queue 4:   (11 , 7 , 5)

Time 9
Waiting Clients:  (19 , 14 , 1) (22 , 32 , 1) (24 , 25 , 1) (26 , 29 , 1) (45
, 35 , 1) (12 , 32 , 2) (15 , 20 , 2) (18 , 18 , 2) (21 , 27 , 2) (28 , 37 ,
2) (31 , 32 , 2) (49 , 14 , 2) (4 , 10 , 3) (10 , 22 , 3) (34 , 17 , 3) (38 ,
13 , 3) (44 , 38 , 3) (48 , 36 , 3) (2 , 18 , 4) (29 , 23 , 4) (32 , 39 , 4)
(47 , 36 , 4) (9 , 15 , 5) (25 , 32 , 5) (27 , 32 , 5) (33 , 34 , 5) (35 , 21
, 5) (40 , 27 , 5) (43 , 39 , 5) (6 , 17 , 6) (7 , 13 , 6) (20 , 18 , 6) (23
, 28 , 6) (8 , 23 , 7) (14 , 20 , 7) (16 , 24 , 7) (39 , 19 , 7) (42 , 25 ,
7)
Queue 0:   (1 , 4 , 7) (36 , 9 , 1)
Queue 1:   (30 , 6 , 6)
Queue 2:   (41 , 7 , 2) (0 , 8 , 7)
Queue 3:   (37 , 8 , 3)
Queue 4:   (11 , 7 , 5)
```

```
Time 10
Waiting Clients:  (19 , 14 , 1) (22 , 32 , 1) (24 , 25 , 1) (26 , 29 , 1) (45
, 35 , 1) (12 , 32 , 2) (15 , 20 , 2) (18 , 18 , 2) (21 , 27 , 2) (28 , 37 ,
2) (31 , 32 , 2) (49 , 14 , 2) (10 , 22 , 3) (34 , 17 , 3) (38 , 13 , 3) (44
, 38 , 3) (48 , 36 , 3) (2 , 18 , 4) (29 , 23 , 4) (32 , 39 , 4) (47 , 36 ,
4) (9 , 15 , 5) (25 , 32 , 5) (27 , 32 , 5) (33 , 34 , 5) (35 , 21 , 5) (40 ,
27 , 5) (43 , 39 , 5) (6 , 17 , 6) (7 , 13 , 6) (20 , 18 , 6) (23 , 28 , 6)
(8 , 23 , 7) (14 , 20 , 7) (16 , 24 , 7) (39 , 19 , 7) (42 , 25 , 7)
Queue 0:  (1 , 4 , 7) (36 , 9 , 1) (4 , 10 , 3)
Queue 1:  (30 , 6 , 6)
Queue 2:  (0 , 8 , 7)
Queue 3:  (37 , 8 , 3)
Queue 4:  (11 , 7 , 5)

Time 11
Waiting Clients:  (19 , 14 , 1) (22 , 32 , 1) (24 , 25 , 1) (26 , 29 , 1) (45
, 35 , 1) (12 , 32 , 2) (15 , 20 , 2) (18 , 18 , 2) (21 , 27 , 2) (28 , 37 ,
2) (31 , 32 , 2) (49 , 14 , 2) (10 , 22 , 3) (34 , 17 , 3) (38 , 13 , 3) (44
, 38 , 3) (48 , 36 , 3) (2 , 18 , 4) (29 , 23 , 4) (32 , 39 , 4) (47 , 36 ,
4) (9 , 15 , 5) (25 , 32 , 5) (27 , 32 , 5) (33 , 34 , 5) (35 , 21 , 5) (40 ,
27 , 5) (43 , 39 , 5) (6 , 17 , 6) (7 , 13 , 6) (20 , 18 , 6) (23 , 28 , 6)
(8 , 23 , 7) (14 , 20 , 7) (16 , 24 , 7) (39 , 19 , 7) (42 , 25 , 7)
Queue 0:  (36 , 9 , 1) (4 , 10 , 3)
Queue 1:  (30 , 6 , 6)
Queue 2:  (0 , 8 , 7)
Queue 3:  (37 , 8 , 3)
Queue 4:  (11 , 7 , 5)

Time 12
Waiting Clients:  (19 , 14 , 1) (22 , 32 , 1) (24 , 25 , 1) (26 , 29 , 1) (45
, 35 , 1) (12 , 32 , 2) (15 , 20 , 2) (18 , 18 , 2) (21 , 27 , 2) (28 , 37 ,
2) (31 , 32 , 2) (49 , 14 , 2) (10 , 22 , 3) (34 , 17 , 3) (38 , 13 , 3) (44
, 38 , 3) (48 , 36 , 3) (2 , 18 , 4) (29 , 23 , 4) (32 , 39 , 4) (47 , 36 ,
4) (9 , 15 , 5) (25 , 32 , 5) (27 , 32 , 5) (33 , 34 , 5) (35 , 21 , 5) (40 ,
27 , 5) (43 , 39 , 5) (6 , 17 , 6) (7 , 13 , 6) (20 , 18 , 6) (23 , 28 , 6)
(8 , 23 , 7) (14 , 20 , 7) (16 , 24 , 7) (39 , 19 , 7) (42 , 25 , 7)
Queue 0:  (4 , 10 , 3)
Queue 1:  (30 , 6 , 6)
Queue 2:  (0 , 8 , 7)
Queue 3: closed
Queue 4:  (11 , 7 , 5)

Time 13
Waiting Clients:  (19 , 14 , 1) (22 , 32 , 1) (24 , 25 , 1) (26 , 29 , 1) (45
, 35 , 1) (12 , 32 , 2) (15 , 20 , 2) (18 , 18 , 2) (21 , 27 , 2) (28 , 37 ,
2) (31 , 32 , 2) (49 , 14 , 2) (10 , 22 , 3) (34 , 17 , 3) (44 , 38 , 3) (48
, 36 , 3) (2 , 18 , 4) (29 , 23 , 4) (32 , 39 , 4) (47 , 36 , 4) (9 , 15 , 5)
(25 , 32 , 5) (27 , 32 , 5) (33 , 34 , 5) (35 , 21 , 5) (40 , 27 , 5) (43 ,
39 , 5) (6 , 17 , 6) (20 , 18 , 6) (23 , 28 , 6) (8 , 23 , 7) (14 , 20 , 7)
(16 , 24 , 7) (39 , 19 , 7) (42 , 25 , 7)
Queue 0:  (4 , 10 , 3)
Queue 1:  (30 , 6 , 6)
Queue 2:  (0 , 8 , 7)
Queue 3:  (38 , 13 , 3)
Queue 4:  (7 , 13 , 6)
```

```
Time 14
Waiting Clients:  (22 , 32 , 1) (24 , 25 , 1) (26 , 29 , 1) (45 , 35 , 1) (12
, 32 , 2) (15 , 20 , 2) (18 , 18 , 2) (21 , 27 , 2) (28 , 37 , 2) (31 , 32 ,
2) (10 , 22 , 3) (34 , 17 , 3) (44 , 38 , 3) (48 , 36 , 3) (2 , 18 , 4) (29 ,
23 , 4) (32 , 39 , 4) (47 , 36 , 4) (9 , 15 , 5) (25 , 32 , 5) (27 , 32 , 5)
(33 , 34 , 5) (35 , 21 , 5) (40 , 27 , 5) (43 , 39 , 5) (6 , 17 , 6) (20 , 18
, 6) (23 , 28 , 6) (8 , 23 , 7) (14 , 20 , 7) (16 , 24 , 7) (39 , 19 , 7) (42
, 25 , 7)
Queue 0:  (4 , 10 , 3) (49 , 14 , 2)
Queue 1:  (19 , 14 , 1)
Queue 2:  (0 , 8 , 7)
Queue 3:  (38 , 13 , 3)
Queue 4:  (7 , 13 , 6)

Time 15
Waiting Clients:  (22 , 32 , 1) (24 , 25 , 1) (26 , 29 , 1) (45 , 35 , 1) (12
, 32 , 2) (15 , 20 , 2) (18 , 18 , 2) (21 , 27 , 2) (28 , 37 , 2) (31 , 32 ,
2) (10 , 22 , 3) (34 , 17 , 3) (44 , 38 , 3) (48 , 36 , 3) (2 , 18 , 4) (29 ,
23 , 4) (32 , 39 , 4) (47 , 36 , 4) (25 , 32 , 5) (27 , 32 , 5) (33 , 34 , 5)
(35 , 21 , 5) (40 , 27 , 5) (43 , 39 , 5) (6 , 17 , 6) (20 , 18 , 6) (23 , 28
, 6) (8 , 23 , 7) (14 , 20 , 7) (16 , 24 , 7) (39 , 19 , 7) (42 , 25 , 7)
Queue 0:  (49 , 14 , 2)
Queue 1:  (9 , 15 , 5)
Queue 2:  (0 , 8 , 7)
Queue 3:  (38 , 13 , 3)
Queue 4:  (7 , 13 , 6)

Time 16
Waiting Clients:  (22 , 32 , 1) (24 , 25 , 1) (26 , 29 , 1) (45 , 35 , 1) (12
, 32 , 2) (15 , 20 , 2) (18 , 18 , 2) (21 , 27 , 2) (28 , 37 , 2) (31 , 32 ,
2) (10 , 22 , 3) (34 , 17 , 3) (44 , 38 , 3) (48 , 36 , 3) (2 , 18 , 4) (29 ,
23 , 4) (32 , 39 , 4) (47 , 36 , 4) (25 , 32 , 5) (27 , 32 , 5) (33 , 34 , 5)
(35 , 21 , 5) (40 , 27 , 5) (43 , 39 , 5) (6 , 17 , 6) (20 , 18 , 6) (23 , 28
, 6) (8 , 23 , 7) (14 , 20 , 7) (16 , 24 , 7) (39 , 19 , 7) (42 , 25 , 7)
Queue 0:  (49 , 14 , 2)
Queue 1:  (9 , 15 , 5)
Queue 2:  (0 , 8 , 7)
Queue 3: closed
Queue 4:  (7 , 13 , 6)

Time 17
Waiting Clients:  (22 , 32 , 1) (24 , 25 , 1) (26 , 29 , 1) (45 , 35 , 1) (12
, 32 , 2) (15 , 20 , 2) (18 , 18 , 2) (21 , 27 , 2) (28 , 37 , 2) (31 , 32 ,
2) (10 , 22 , 3) (44 , 38 , 3) (48 , 36 , 3) (2 , 18 , 4) (29 , 23 , 4) (32 ,
39 , 4) (47 , 36 , 4) (25 , 32 , 5) (27 , 32 , 5) (33 , 34 , 5) (35 , 21 , 5)
(40 , 27 , 5) (43 , 39 , 5) (20 , 18 , 6) (23 , 28 , 6) (8 , 23 , 7) (14 , 20
, 7) (16 , 24 , 7) (39 , 19 , 7) (42 , 25 , 7)
Queue 0:  (34 , 17 , 3)
Queue 1:  (9 , 15 , 5)
Queue 2:  (6 , 17 , 6)
Queue 3: closed
Queue 4:  (7 , 13 , 6)

Time 18
Waiting Clients:  (22 , 32 , 1) (24 , 25 , 1) (26 , 29 , 1) (45 , 35 , 1) (12
, 32 , 2) (15 , 20 , 2) (21 , 27 , 2) (28 , 37 , 2) (31 , 32 , 2) (10 , 22 ,
3) (44 , 38 , 3) (48 , 36 , 3) (29 , 23 , 4) (32 , 39 , 4) (47 , 36 , 4) (25
```

, 32 , 5) (27 , 32 , 5) (33 , 34 , 5) (35 , 21 , 5) (40 , 27 , 5) (43 , 39 ,
5) (23 , 28 , 6) (8 , 23 , 7) (14 , 20 , 7) (16 , 24 , 7) (39 , 19 , 7) (42 ,
25 , 7)
Queue 0: (34 , 17 , 3) (20 , 18 , 6)
Queue 1: (9 , 15 , 5)
Queue 2: (6 , 17 , 6)
Queue 3: (18 , 18 , 2)
Queue 4: (7 , 13 , 6) (2 , 18 , 4)

Time 19
Waiting Clients: (22 , 32 , 1) (24 , 25 , 1) (26 , 29 , 1) (45 , 35 , 1) (12
, 32 , 2) (15 , 20 , 2) (21 , 27 , 2) (28 , 37 , 2) (31 , 32 , 2) (10 , 22 ,
3) (44 , 38 , 3) (48 , 36 , 3) (29 , 23 , 4) (32 , 39 , 4) (47 , 36 , 4) (25
, 32 , 5) (27 , 32 , 5) (33 , 34 , 5) (35 , 21 , 5) (40 , 27 , 5) (43 , 39 ,
5) (23 , 28 , 6) (8 , 23 , 7) (14 , 20 , 7) (16 , 24 , 7) (42 , 25 , 7)
Queue 0: (34 , 17 , 3) (20 , 18 , 6)
Queue 1: (9 , 15 , 5) (39 , 19 , 7)
Queue 2: (6 , 17 , 6)
Queue 3: (18 , 18 , 2)
Queue 4: (2 , 18 , 4)

Time 20
Waiting Clients: (22 , 32 , 1) (24 , 25 , 1) (26 , 29 , 1) (45 , 35 , 1) (12
, 32 , 2) (21 , 27 , 2) (28 , 37 , 2) (31 , 32 , 2) (10 , 22 , 3) (44 , 38 ,
3) (48 , 36 , 3) (29 , 23 , 4) (32 , 39 , 4) (47 , 36 , 4) (25 , 32 , 5) (27
, 32 , 5) (33 , 34 , 5) (35 , 21 , 5) (40 , 27 , 5) (43 , 39 , 5) (23 , 28 ,
6) (8 , 23 , 7) (16 , 24 , 7) (42 , 25 , 7)
Queue 0: (20 , 18 , 6)
Queue 1: (39 , 19 , 7)
Queue 2: (6 , 17 , 6)
Queue 3: (15 , 20 , 2) (14 , 20 , 7)
Queue 4: (2 , 18 , 4)

Time 21
Waiting Clients: (22 , 32 , 1) (24 , 25 , 1) (26 , 29 , 1) (45 , 35 , 1) (12
, 32 , 2) (21 , 27 , 2) (28 , 37 , 2) (31 , 32 , 2) (10 , 22 , 3) (44 , 38 ,
3) (48 , 36 , 3) (29 , 23 , 4) (32 , 39 , 4) (47 , 36 , 4) (25 , 32 , 5) (27
, 32 , 5) (33 , 34 , 5) (40 , 27 , 5) (43 , 39 , 5) (23 , 28 , 6) (8 , 23 ,
7) (16 , 24 , 7) (42 , 25 , 7)
Queue 0: (20 , 18 , 6)
Queue 1: (39 , 19 , 7)
Queue 2: (6 , 17 , 6) (35 , 21 , 5)
Queue 3: (15 , 20 , 2) (14 , 20 , 7)
Queue 4: (2 , 18 , 4)

Time 22
Waiting Clients: (22 , 32 , 1) (24 , 25 , 1) (26 , 29 , 1) (45 , 35 , 1) (12
, 32 , 2) (21 , 27 , 2) (28 , 37 , 2) (31 , 32 , 2) (44 , 38 , 3) (48 , 36 ,
3) (29 , 23 , 4) (32 , 39 , 4) (47 , 36 , 4) (25 , 32 , 5) (27 , 32 , 5) (33
, 34 , 5) (40 , 27 , 5) (43 , 39 , 5) (23 , 28 , 6) (8 , 23 , 7) (16 , 24 ,
7) (42 , 25 , 7)
Queue 0: (20 , 18 , 6)
Queue 1: (39 , 19 , 7)
Queue 2: (6 , 17 , 6) (35 , 21 , 5)
Queue 3: (14 , 20 , 7)
Queue 4: (2 , 18 , 4) (10 , 22 , 3)

```
Time 23
Waiting Clients:  (22 , 32 , 1) (24 , 25 , 1) (26 , 29 , 1) (45 , 35 , 1) (12
, 32 , 2) (21 , 27 , 2) (28 , 37 , 2) (31 , 32 , 2) (44 , 38 , 3) (48 , 36 ,
3) (32 , 39 , 4) (47 , 36 , 4) (25 , 32 , 5) (27 , 32 , 5) (33 , 34 , 5) (40
, 27 , 5) (43 , 39 , 5) (23 , 28 , 6) (16 , 24 , 7) (42 , 25 , 7)
Queue 0:  (20 , 18 , 6) (29 , 23 , 4)
Queue 1:  (39 , 19 , 7)
Queue 2:  (35 , 21 , 5)
Queue 3:  (14 , 20 , 7)
Queue 4:  (10 , 22 , 3) (8 , 23 , 7)

Time 24
Waiting Clients:  (22 , 32 , 1) (24 , 25 , 1) (26 , 29 , 1) (45 , 35 , 1) (12
, 32 , 2) (21 , 27 , 2) (28 , 37 , 2) (31 , 32 , 2) (44 , 38 , 3) (48 , 36 ,
3) (32 , 39 , 4) (47 , 36 , 4) (25 , 32 , 5) (27 , 32 , 5) (33 , 34 , 5) (40
, 27 , 5) (43 , 39 , 5) (23 , 28 , 6) (42 , 25 , 7)
Queue 0:  (20 , 18 , 6) (29 , 23 , 4)
Queue 1:  (39 , 19 , 7) (16 , 24 , 7)
Queue 2:  (35 , 21 , 5)
Queue 3:  (14 , 20 , 7)
Queue 4:  (10 , 22 , 3) (8 , 23 , 7)

Time 25
Waiting Clients:  (22 , 32 , 1) (26 , 29 , 1) (45 , 35 , 1) (12 , 32 , 2) (21
, 27 , 2) (28 , 37 , 2) (31 , 32 , 2) (44 , 38 , 3) (48 , 36 , 3) (32 , 39 ,
4) (47 , 36 , 4) (25 , 32 , 5) (27 , 32 , 5) (33 , 34 , 5) (40 , 27 , 5) (43
, 39 , 5) (23 , 28 , 6)
Queue 0:  (20 , 18 , 6) (29 , 23 , 4)
Queue 1:  (39 , 19 , 7) (16 , 24 , 7)
Queue 2:  (35 , 21 , 5) (24 , 25 , 1) (42 , 25 , 7)
Queue 3:  (14 , 20 , 7)
Queue 4:  (10 , 22 , 3) (8 , 23 , 7)

Time 26
Waiting Clients:  (22 , 32 , 1) (26 , 29 , 1) (45 , 35 , 1) (12 , 32 , 2) (21
, 27 , 2) (28 , 37 , 2) (31 , 32 , 2) (44 , 38 , 3) (48 , 36 , 3) (32 , 39 ,
4) (47 , 36 , 4) (25 , 32 , 5) (27 , 32 , 5) (33 , 34 , 5) (40 , 27 , 5) (43
, 39 , 5) (23 , 28 , 6)
Queue 0:  (29 , 23 , 4)
Queue 1:  (39 , 19 , 7) (16 , 24 , 7)
Queue 2:  (35 , 21 , 5) (24 , 25 , 1) (42 , 25 , 7)
Queue 3:  (14 , 20 , 7)
Queue 4:  (8 , 23 , 7)

Time 27
Waiting Clients:  (22 , 32 , 1) (26 , 29 , 1) (45 , 35 , 1) (12 , 32 , 2) (28
, 37 , 2) (31 , 32 , 2) (44 , 38 , 3) (48 , 36 , 3) (32 , 39 , 4) (47 , 36 ,
4) (25 , 32 , 5) (27 , 32 , 5) (33 , 34 , 5) (43 , 39 , 5) (23 , 28 , 6)
Queue 0:  (29 , 23 , 4) (40 , 27 , 5)
Queue 1:  (16 , 24 , 7)
Queue 2:  (35 , 21 , 5) (24 , 25 , 1) (42 , 25 , 7)
Queue 3:  (14 , 20 , 7) (21 , 27 , 2)
Queue 4:  (8 , 23 , 7)

Time 28
Waiting Clients:  (22 , 32 , 1) (26 , 29 , 1) (45 , 35 , 1) (12 , 32 , 2) (28
, 37 , 2) (31 , 32 , 2) (44 , 38 , 3) (48 , 36 , 3) (32 , 39 , 4) (47 , 36 ,
```

```
4)  (25 , 32 , 5)  (27 , 32 , 5)  (33 , 34 , 5)  (43 , 39 , 5)
Queue 0:   (29 , 23 , 4)  (40 , 27 , 5)
Queue 1:   (16 , 24 , 7)
Queue 2:   (24 , 25 , 1)  (42 , 25 , 7)
Queue 3:   (14 , 20 , 7)  (21 , 27 , 2)  (23 , 28 , 6)
Queue 4:   (8 , 23 , 7)


Time 29
Waiting Clients:  (22 , 32 , 1)  (45 , 35 , 1)  (12 , 32 , 2)  (28 , 37 , 2)  (31
, 32 , 2)  (44 , 38 , 3)  (48 , 36 , 3)  (32 , 39 , 4)  (47 , 36 , 4)  (25 , 32 ,
5)  (27 , 32 , 5)  (33 , 34 , 5)  (43 , 39 , 5)
Queue 0:   (29 , 23 , 4)  (40 , 27 , 5)
Queue 1:   (16 , 24 , 7)
Queue 2:   (42 , 25 , 7)
Queue 3:   (21 , 27 , 2)  (23 , 28 , 6)
Queue 4:   (8 , 23 , 7)  (26 , 29 , 1)


Time 30
Waiting Clients:  (22 , 32 , 1)  (45 , 35 , 1)  (12 , 32 , 2)  (28 , 37 , 2)  (31
, 32 , 2)  (44 , 38 , 3)  (48 , 36 , 3)  (32 , 39 , 4)  (47 , 36 , 4)  (25 , 32 ,
5)  (27 , 32 , 5)  (33 , 34 , 5)  (43 , 39 , 5)
Queue 0:   (40 , 27 , 5)
Queue 1:   (16 , 24 , 7)
Queue 2:   (42 , 25 , 7)
Queue 3:   (21 , 27 , 2)  (23 , 28 , 6)
Queue 4:   (8 , 23 , 7)  (26 , 29 , 1)


Time 31
Waiting Clients:  (22 , 32 , 1)  (45 , 35 , 1)  (12 , 32 , 2)  (28 , 37 , 2)  (31
, 32 , 2)  (44 , 38 , 3)  (48 , 36 , 3)  (32 , 39 , 4)  (47 , 36 , 4)  (25 , 32 ,
5)  (27 , 32 , 5)  (33 , 34 , 5)  (43 , 39 , 5)
Queue 0:   (40 , 27 , 5)
Queue 1:   (16 , 24 , 7)
Queue 2:   (42 , 25 , 7)
Queue 3:   (23 , 28 , 6)
Queue 4:   (8 , 23 , 7)  (26 , 29 , 1)


Time 32
Waiting Clients:  (45 , 35 , 1)  (28 , 37 , 2)  (44 , 38 , 3)  (48 , 36 , 3)  (32
, 39 , 4)  (47 , 36 , 4)  (33 , 34 , 5)  (43 , 39 , 5)
Queue 0:   (40 , 27 , 5)  (31 , 32 , 2)
Queue 1:   (16 , 24 , 7)  (22 , 32 , 1)  (25 , 32 , 5)
Queue 2:   (42 , 25 , 7)  (27 , 32 , 5)
Queue 3:   (23 , 28 , 6)
Queue 4:   (8 , 23 , 7)  (26 , 29 , 1)  (12 , 32 , 2)


Time 33
Waiting Clients:  (45 , 35 , 1)  (28 , 37 , 2)  (44 , 38 , 3)  (48 , 36 , 3)  (32
, 39 , 4)  (47 , 36 , 4)  (33 , 34 , 5)  (43 , 39 , 5)
Queue 0:   (40 , 27 , 5)  (31 , 32 , 2)
Queue 1:   (16 , 24 , 7)  (22 , 32 , 1)  (25 , 32 , 5)
Queue 2:   (42 , 25 , 7)  (27 , 32 , 5)
Queue 3:   (23 , 28 , 6)
Queue 4:   (26 , 29 , 1)  (12 , 32 , 2)


Time 34
Waiting Clients:  (45 , 35 , 1)  (28 , 37 , 2)  (44 , 38 , 3)  (48 , 36 , 3)  (32
```

```
, 39 , 4) (47 , 36 , 4) (43 , 39 , 5)
Queue 0:   (40 , 27 , 5) (31 , 32 , 2)
Queue 1:   (22 , 32 , 1) (25 , 32 , 5)
Queue 2:   (42 , 25 , 7) (27 , 32 , 5)
Queue 3:   (23 , 28 , 6)
Queue 4:   (12 , 32 , 2) (33 , 34 , 5)

Time 35
Waiting Clients:  (28 , 37 , 2) (44 , 38 , 3) (48 , 36 , 3) (32 , 39 , 4) (47
, 36 , 4) (43 , 39 , 5)
Queue 0:   (31 , 32 , 2) (45 , 35 , 1)
Queue 1:   (25 , 32 , 5)
Queue 2:   (42 , 25 , 7) (27 , 32 , 5)
Queue 3:   (23 , 28 , 6)
Queue 4:   (12 , 32 , 2) (33 , 34 , 5)

Time 36
Waiting Clients:  (28 , 37 , 2) (44 , 38 , 3) (32 , 39 , 4) (43 , 39 , 5)
Queue 0:   (31 , 32 , 2) (45 , 35 , 1) (47 , 36 , 4)
Queue 1:   (25 , 32 , 5)
Queue 2:   (27 , 32 , 5)
Queue 3:   (23 , 28 , 6) (48 , 36 , 3)
Queue 4:   (33 , 34 , 5)

Time 37
Waiting Clients:  (44 , 38 , 3) (32 , 39 , 4) (43 , 39 , 5)
Queue 0:   (45 , 35 , 1) (47 , 36 , 4)
Queue 1:   (25 , 32 , 5) (28 , 37 , 2)
Queue 2:   (27 , 32 , 5)
Queue 3:   (48 , 36 , 3)
Queue 4:   (33 , 34 , 5)

Time 38
Waiting Clients:  (32 , 39 , 4) (43 , 39 , 5)
Queue 0:   (47 , 36 , 4)
Queue 1:   (25 , 32 , 5) (28 , 37 , 2)
Queue 2:   (27 , 32 , 5)
Queue 3:   (48 , 36 , 3) (44 , 38 , 3)
Queue 4:   (33 , 34 , 5)

Time 39
Waiting Clients:
Queue 0:   (47 , 36 , 4)
Queue 1:   (25 , 32 , 5) (28 , 37 , 2)
Queue 2:   (27 , 32 , 5) (32 , 39 , 4)
Queue 3:   (48 , 36 , 3) (44 , 38 , 3)
Queue 4:   (33 , 34 , 5) (43 , 39 , 5)

Time 40
Waiting Clients:
Queue 0:   (47 , 36 , 4)
Queue 1:   (28 , 37 , 2)
Queue 2:   (27 , 32 , 5) (32 , 39 , 4)
Queue 3:   (44 , 38 , 3)
Queue 4:   (33 , 34 , 5) (43 , 39 , 5)

Time 41
```

```
Waiting Clients:
Queue 0:   (47 , 36 , 4)
Queue 1:   (28 , 37 , 2)
Queue 2:   (32 , 39 , 4)
Queue 3:   (44 , 38 , 3)
Queue 4:   (43 , 39 , 5)

Time 42
Waiting Clients:
Queue 0: closed
Queue 1: closed
Queue 2:   (32 , 39 , 4)
Queue 3:   (44 , 38 , 3)
Queue 4:   (43 , 39 , 5)

Time 43
Waiting Clients:
Queue 0: closed
Queue 1: closed
Queue 2:   (32 , 39 , 4)
Queue 3: closed
Queue 4:   (43 , 39 , 5)

Time 44
Waiting Clients:
Queue 0: closed
Queue 1: closed
Queue 2:   (32 , 39 , 4)
Queue 3: closed
Queue 4:   (43 , 39 , 5)

Time 45
Waiting Clients:
Queue 0: closed
Queue 1: closed
Queue 2: closed
Queue 3: closed
Queue 4:   (43 , 39 , 5)

Time 46
```