DOCUMENTATIE

TEMA 2



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CUPRINS

1.	Obiectivul temei	3
2.	Analiza problemei, modelare, scenarii, cazuri de utilizare	3
3.	Proiectare	7
٠.		
4.	Implementare	4
5.	Rezultate	8
6.	Concluzii	535
7.	Bibliografie	536

1. Obiectivul temei

Obiectivul principal al temei este implementarea, folosind limbajul de programare Java, a unei aplicatii desktop de management a cozilor cu o interfata grafica dedicata, in care utilizatorul poate introduce date legate de numarul de clienti si cozi, timpul maxim de simulare si date referitoare la clienti.

Obiectivele secundare ale temei sunt:

- 1. Definirea claselor Client si Queue: se va crea clasa Client ce va contine informatii precum ID-ul (unic), timpi de procesare si momentul de timp cand acesta a terminat de facut cumparaturi si se indreapta catre casa (Queue), ce contine un ID unic, o lista de clienti, si timpul de asteptare la un moment dat
- 2. Implementarea operatiei de asignare a unei cozi pentru un client: dezvoltarea unui algoritm ce ia ca input un client si va incerca sa gaseasca coada cu timpul minim de asteptare pentru a-l adauga acolo
- 3. Implementarea unui sistem de intretinere si curatare pentru fiecare lista din proiect, pentru a spori lizibilitatea operatiilor automate de asignare in cozi
- 4. Realizarea unei interfete grafice prietenoase: dezvoltarea unei interfete grafice intuitive care sa faca posibila introducerea parametrilor simularii si vizualizarea procesului automat de asignare a clientilor

2. Analiza problemei, modelare, scenarii, cazuri de utilizare

Pentru a rezolva cerintele problemei, va trebui sa realizam o interfata grafica prietenoasa si intuitiva ca utilizatorul sa poata introduce parametrii de simulare si sa obtina o demonstratie automata in care clientii ce termina cumparaturile sunt asignati unei case cu timp de asteptare cat mai mic.

Asadar, ne putem imagina problema ca un black box cu 7 intrari (numarul de clienti, numarul de cozi, timpul maxim de simulare, timpul minim si maxim de sosire a clientului la case, timpul minim si maxim de procesare a clientului) si o iesire (simularea). In acest sens, vom avea sapte campuri de text unde utilizatorul poate introduce date care sa fie validate si procesate in obiecte de tip Integer. Daca toate campurile au continut valid, atunci utilizatorul poate sa apase pe un buton ce porneste simularea, primind astfel rezultatul intr-o zona de text ce descrie starea clientilor si a cozilor in permanenta. De asemenea, trebuie ca aplicatia sa includa un buton de curatare a inputului, care reseteaza toate campurile de text.

Scenariul in care utilizatorul introduce date valide si selecteaza o operatie este unul de la sine inteles: simularea va incepe cu succes si se va afisa fiecare asignare in zona de text.

In cazul in care un camp sau mai multe sunt invalide, utilizatorului ii va fi afisat un mesaj de eroare pentru a semnala lucrul acesta, simularea nu va incepe, si mai mult de atat, ii va fi semnalizat exact care camp de text nu contine un numar intreg valid, prin incercuirea campului de text cu o culoare rosie (iar celui valid cu o culoare verde).

In cazul in care toate campurile contin numere intregi valide, dar timpii minimi sunt mai mari decat timpii maximi, simularea nu va putea incepe deoarece timpii minimi trebuie neaparat sa fie mai mici decat cei maximi pentru o buna functionare a aplicatiei.

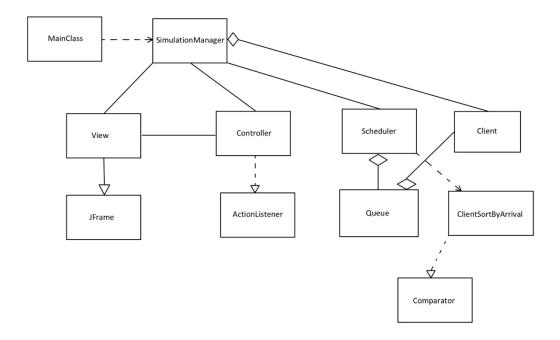
3. Projectare

In cadrul proiectarii claselor, variabilele instanta din fiecare clasa au fost declarate cu modificatorul de acces "private", pentru a respecta paradigma incapsularii OOP. Astfel, datele stocate intr-un obiect pot fi citite si/sau modificate doar prin intermediul metodelor de tip getter si setter, iar unele metode au fost declarate private, fiind foarte importante in comportamentul aplicatiei si nefiind folosite de alta clasa decat cea ce le contine.

De asemenea, am folosit mostenirea in definirea clasei View si am implementat atat interfata ActionListener, in contextul fiecarui buton si camp de text ce se regaseste pe interfata grafica, cat si interfata Comparator, pentru a putea sorta totii clientii in functie de timpul lor de sosire.

In cadrul tuturor claselor, am definit variabile locale si de tip instanta care sunt de tipul Double sau Integer. Asadar, am folosit paradigma impachetarii OOP pentru a reprezenta tipuri de date primitive in clase invelitoare ce stocheaza valori de tip double si int, pentru a ma putea folosi de metode statice implementate pentru aceste clase, in implementarea ulterioara a parsarii si a operatiilor matematice.

In cadrul proiectarii aplicatiei de calculator de polinoame, clasele definite sunt definite si relationeaza in modul prezentat in diagrama UML de mai jos.



In cadrul temei am folosit liste de tip ArrayList pentru a stoca succesiunea de Queues in obiectul de tip Scheduler si pe tot parcursul operatiilor am iterat prin aceste liste folosind for each-ul specific OOP.

De asemenea, am folosit liste de tip LinkedBlockingQueue pentru a stoca Clients in obiecte de tip Queue, deoarece sunt thread-safe si sunt recomandate a fi folosite ca sa ne asiguram ca o singura operatie se efectueaza asupra lor la orice moment in timp.

Pe tot parcursul temei m-am folosit de o metoda foarte importanta din clasa Queue, si anume computeWaitTime(), pentru a determina corect timpul de asteptare a fiecarei cozi, atat la fiecare adaugare sau scoatere din coada, cat si in timpul procesarii unui client.

4. Implementare

In cadrul implementarii temei am definit clasele prezentate mai jos, ale caror cele mai importante metode au fost si detaliate.

- 1. Clasa MainClass
 - Fara variabile instante sau de clasa
 - Metoda main
- 2. Clasa Client
 - Variabilele instanta: Integer ID, tArrival, tService, assignedQueue; fara variabile de clasa
 - Metoda decreaseTService



- Folosita ca sa decrementam timpul de procesare a unui client in momentul cand acesta se afla primul in coada. Astfel, putem actualiza live timpul ramas din procesarea lui, obtinand astfel o interfata grafica foarte explicita si responsive
- Metoda *toString*
 - o Folosita la afisarea clientilor din toate listele programului

3. Clasa Queue

- Variabila instanta: Integer ID, BlockingQueue<Client> inQueue, AtomicInteger waitTime; fara variabile de clasa
- Metoda run
 - Metoda ce este executata concurent de fiecare queue in continuu pana la terminarea programului pentru a procesa urmatorul client, a-l scoate din coada si a noul calcula timpul de asteptare
- Metoda addClient
 - o Folosita pentru a adauga noi clienti in coada si a calcula noul timp de asteptare al cozii
- Metoda finishClient
 - Folosita pentru a scoate clieni procesati din coada si a calcula noul timp de asteptare al cozii
- Metoda *computeWaitTime*
 - Folosita pentru a calcula timpul de asteptare al cozii; este apelata la finalul tuturor metodelor care modifica coada sau timpul de procesare al clientilor din interiorul ei
- Metoda getAvgWaitTime
 - o Folosita pentru a calcula timpul mediu statistic de asteptare a unui client in coada respectiva
- Metoda toString
 - Folosita la afisarea sugestiva si prietenoasa a cozilor si a continutului lor

4. Clasa SimulationManager

- Variabile instanta: Integer nrClients, nrQueues, tMaxSimulation, tMinArrival, tMaxArrival, tMinService, tMaxService, currentTime, mostClients, peakTime, Double averageWaitingTime, averageServiceTime, boolean started, List<Client> clients, Scheduler scheduler, View v, Controller c; fara variabile de clasa
- Metoda run si doAction
 - Metoda responsabila cu asignarea clientilor in cozi, inregistrarea noilor actiuni si modificari suferite de cozi, calcularea unei posibile ore de varf si alte operatii de maintanance pe cozile programului
- Metodele log
 - Folosita pentru a afisa starea actuala a cozilor si a listei clientilor ce nu au sosit inca in interfata grafica
- Metoda newPeakTime
 - Metoda ce calculeaza daca in cozi se afla cel mai mare numar de clienti de pana acum. Daca da, va seta variabilele mostClients si peakTime la noile valori maxime
- Metoda *detAvgWaitTime*
 - Metoda ce centralizeaza toti timpii medii statistici de asteptare de pe fiecare coada si genereaza un timp mediu statistic de asteptare valabil pentru toate casele/ pentru magazin

5. Clasa Scheduler

- Variabile instanta: List<Queue> queues, Integer noQueues; fara variabile de clasa
- Metoda assignClient
 - Metoda ce se ocupa efectiv cu stabilirea celei mai bune cozi care sa ii fie asignate unui oarecare client la un moment in timp. Se va lua intotdeauna in considerare coada cu timpul minim de asteptare (format din timpul de procesare al tuturor clientilor din coada)

6. Clasa ClientSortByArrival

- Implementeaza interfata Comparator < Client >
- Metoda compare
 - Folosita pentru a putea ordona lista de clienti ce nu au ajuns inca la case in ordinea crescatoare a timpului de sosire, pentru o foarte buna lizibilitate

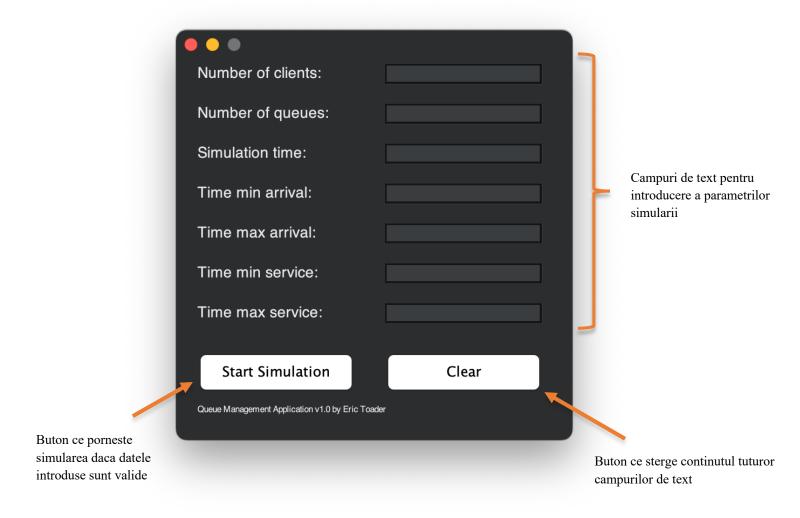


7. Clasa Controller

- Variabila instanta: View v: fara variabile de clasa
- Subclasele asociate butonului de pornire a simularii, butonului de clear si campurilor de text pentru afisarea corectitudinii datelor inserate (*StartSimListener*, *ClearListener*, *etc*) ce implementeaza interfata ActionListener
- Metoda *displayCorectness*
 - o Folosita de fiecare data cand se intercepteaza o exceptie in interiorul metodelor *actionPerformed* ale subclaselor

8. Clasa View

- Variabile instante: butoane, campuri de text si combo-box-ul de selectare a polinomului pentru operatiile de integrare/ derivare; fara variabile de clasa
- Metoda constructor *View()* care constituie frame-ul de afisat pe ecran, in cadrul caruia sunt amplasate butoanele si celelalte elemente interactive, impreuna cu JLabel-uri, dispuse intr-un GridBagLayout, toate stilizate folosind metoda *stylize()*, care confera aplicatiei un aspect modern si asemanator unui "Dark Mode".
- La pornirea simularii, se schimba fereastra de afisat intr-una care acomodeaza un JtextArea pentru a putea fi printate cozile si clientii intr-un mod lizibil.





```
Maximum simulation time: 200
   Number of clients: 20
   Number of queues: 4
Arrival time interval: [4, 20]
   Service time interval: [2, 8]
Time: 7 Clients that haven't arrived yet: (7, 9, 5), (18, 10, 2), (11, 11, 4), (12, 12, 6), (19, 12, 4), (8, 13, 2), (1, 15, 4), (4, 15, 4), (15, 15, 6), (6, 17, 7), (14, 17, 2), (3, 19, 6), (5, 19, 4), (17, 19, 2)
  Queue #1: (2, 5, 2)(20, 7, 3)
Queue #2: (9, 5, 3)
Queue #3: (10, 6, 1)(16, 7, 6)
Queue #4: (13, 6, 2)
```

5. Rezultate

```
TEST 1
Maximum simulation time: 60
Number of clients: 4
Number of queues: 2
Arrival time interval: [2, 30]
Service time interval: [2, 4]
Time: 0
Clients that haven't arrived yet: (4, 14, 3), (3, 19, 2), (1, 21, 3), (2,
24, 2)
Queue #1: FREE
Queue #2: FREE
Maximum simulation time: 60
Number of clients: 4
Number of queues: 2
Arrival time interval: [2, 30]
Service time interval: [2, 4]
Clients that haven't arrived yet: (4, 14, 3), (3, 19, 2), (1, 21, 3), (2,
24, 2)
Queue #1: FREE
Queue #2: FREE
Maximum simulation time: 60
Number of clients: 4
Number of queues: 2
Arrival time interval: [2, 30]
Service time interval: [2, 4]
Clients that haven't arrived yet: (4, 14, 3), (3, 19, 2), (1, 21, 3), (2,
24, 2)
Queue #1: FREE
Queue #2: FREE
Maximum simulation time: 60
Number of clients: 4
Number of queues: 2
Arrival time interval: [2, 30]
```

24

```
Service time interval: [2, 4]
Time: 3
Clients that haven't arrived yet: (4, 14, 3), (3, 19, 2), (1, 21, 3), (2,
24, 2)
Queue #1: FREE
Queue #2: FREE
Maximum simulation time: 60
Number of clients: 4
Number of queues: 2
Arrival time interval: [2, 30]
Service time interval: [2, 4]
Time: 4
Clients that haven't arrived yet: (4, 14, 3), (3, 19, 2), (1, 21, 3), (2,
24, 2)
Queue #1: FREE
Queue #2: FREE
Maximum simulation time: 60
Number of clients: 4
Number of queues: 2
Arrival time interval: [2, 30]
Service time interval: [2, 4]
Time: 5
Clients that haven't arrived yet: (4, 14, 3), (3, 19, 2), (1, 21, 3), (2,
24, 2)
Queue #1: FREE
Queue #2: FREE
Maximum simulation time: 60
Number of clients: 4
Number of queues: 2
Arrival time interval: [2, 30]
Service time interval: [2, 4]
Clients that haven't arrived yet: (4, 14, 3), (3, 19, 2), (1, 21, 3), (2,
24, 2)
Queue #1: FREE
Queue #2: FREE
Maximum simulation time: 60
```

```
Number of clients: 4
Number of queues: 2
Arrival time interval: [2, 30]
Service time interval: [2, 4]
Time: 7
Clients that haven't arrived yet: (4, 14, 3), (3, 19, 2), (1, 21, 3), (2,
24, 2)
Queue #1: FREE
Queue #2: FREE
Maximum simulation time: 60
Number of clients: 4
Number of queues: 2
Arrival time interval: [2, 30]
Service time interval: [2, 4]
Time: 8
Clients that haven't arrived yet: (4, 14, 3), (3, 19, 2), (1, 21, 3), (2,
24, 2)
Queue #1: FREE
Queue #2: FREE
Maximum simulation time: 60
Number of clients: 4
Number of queues: 2
Arrival time interval: [2, 30]
Service time interval: [2, 4]
Time: 9
Clients that haven't arrived yet: (4, 14, 3), (3, 19, 2), (1, 21, 3), (2,
24, 2)
Queue #1: FREE
Oueue #2: FREE
Maximum simulation time: 60
Number of clients: 4
Number of queues: 2
Arrival time interval: [2, 30]
Service time interval: [2, 4]
Time: 10
24, 2)
Queue #1: FREE
Queue #2: FREE
```



```
Maximum simulation time: 60
Number of clients: 4
Number of queues: 2
Arrival time interval: [2, 30]
Service time interval: [2, 4]
24, 2)
Queue #1: FREE
Queue #2: FREE
Maximum simulation time: 60
Number of clients: 4
Number of queues: 2
Arrival time interval: [2, 30]
Service time interval: [2, 4]
Clients that haven't arrived yet: (4, 14, 3), (3, 19, 2), (1, 21, 3), (2,
24, 2)
Queue #1: FREE
Queue #2: FREE
Maximum simulation time: 60
Number of clients: 4
Number of queues: 2
Arrival time interval: [2, 30]
Service time interval: [2, 4]
Time: 13
Clients that haven't arrived yet: (4, 14, 3), (3, 19, 2), (1, 21, 3), (2,
24, 2)
Queue #1: FREE
Queue #2: FREE
Maximum simulation time: 60
Number of clients: 4
Number of queues: 2
Service time interval: [2, 4]
Time: 14
Clients that haven't arrived yet: (3, 19, 2), (1, 21, 3), (2, 24, 2)
Queue #1: (4, 14, 3)
```

```
Queue #2: FREE
Maximum simulation time: 60
Number of clients: 4
Number of queues: 2
Arrival time interval: [2, 30]
Service time interval: [2, 4]
Time: 15
Clients that haven't arrived yet: (3, 19, 2), (1, 21, 3), (2, 24, 2)
Queue #1: (4, 14, 2)
Queue #2: FREE
Maximum simulation time: 60
Number of clients: 4
Number of queues: 2
Arrival time interval: [2, 30]
Time: 16
Clients that haven't arrived yet: (3, 19, 2), (1, 21, 3), (2, 24, 2)
Queue #1: (4, 14, 1)
Queue #2: FREE
Maximum simulation time: 60
Number of clients: 4
Number of queues: 2
Arrival time interval: [2, 30]
Service time interval: [2, 4]
Time: 17
Clients that haven't arrived yet: (3, 19, 2), (1, 21, 3), (2, 24, 2)
Queue #1: FREE
Queue #2: FREE
Maximum simulation time: 60
Number of clients: 4
Number of queues: 2
Arrival time interval: [2, 30]
Time: 18
Clients that haven't arrived yet: (3, 19, 2), (1, 21, 3), (2, 24, 2)
Queue #1: FREE
Queue #2: FREE
```



```
Maximum simulation time: 60
Number of clients: 4
Number of queues: 2
Arrival time interval: [2, 30]
Service time interval: [2, 4]
Time: 19
Clients that haven't arrived yet: (1, 21, 3), (2, 24, 2)
Queue #1: (3, 19, 2)
Queue #2: FREE
Maximum simulation time: 60
Number of clients: 4
Number of queues: 2
Arrival time interval: [2, 30]
Service time interval: [2, 4]
Time: 20
Clients that haven't arrived yet: (1, 21, 3), (2, 24, 2)
Queue #1: (3, 19, 1)
Queue #2: FREE
Maximum simulation time: 60
Number of clients: 4
Number of queues: 2
Arrival time interval: [2, 30]
Service time interval: [2, 4]
Time: 21
Clients that haven't arrived yet: (2, 24, 2)
Queue #1: (1, 21, 3)
Queue #2: FREE
Maximum simulation time: 60
Number of clients: 4
Number of queues: 2
Arrival time interval: [2, 30]
Service time interval: [2, 4]
Time: 22
Clients that haven't arrived yet: (2, 24, 2)
Queue #1: (1, 21, 2)
Queue #2: FREE
```



```
Maximum simulation time: 60
Number of clients: 4
Number of queues: 2
Arrival time interval: [2, 30]
Service time interval: [2, 4]
Time: 23
Clients that haven't arrived yet: (2, 24, 2)
Queue #1: (1, 21, 1)
Queue #2: FREE
Maximum simulation time: 60
Number of clients: 4
Number of queues: 2
Arrival time interval: [2, 30]
Service time interval: [2, 4]
Time: 24
All of the clients have already arrived.
Queue #1: (2, 24, 2)
Queue #2: FREE
Maximum simulation time: 60
Number of clients: 4
Number of queues: 2
Arrival time interval: [2, 30]
Service time interval: [2, 4]
All of the clients have already arrived.
Queue #1: (2, 24, 1)
Oueue #2: FREE
Maximum simulation time: 60
Number of clients: 4
Number of queues: 2
Arrival time interval: [2, 30]
Service time interval: [2, 4]
Time: 26
All of the clients have already arrived.
Queue #1: FREE
Queue #2: FREE
```

```
No more clients to assign, all queues are empty
No reason to keep the app running, ending simulation..
Average wait time: 0.0
Average service time: 2.5
Peak time at: 14 (1 clients)
TEST 2
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Time: 0
2), (23, 7, 1), (26, 8, 1), (34, 8, 5), (44, 8, 6), (7, 9, 6), (42, 9, 2),
3), (45, 16, 4), (5, 18, 2), (25, 21, 4), (32, 21, 4), (40, 22, 5), (15, 23, 6), (3, 24, 4), (14, 24, 1), (22, 24, 6), (29, 24, 6), (47, 24, 5),
(12, 25, 3), (24, 25, 6), (28, 27, 3), (10, 28, 6), (9, 30, 5), (21, 30, 5), (37, 30, 1), (43, 31, 3), (13, 33, 6), (50, 33, 4), (19, 34, 1), (41,
36, 5), (33, 37, 5), (48, 38, 6), (49, 38, 2), (8, 39, 2), (35, 39, 4)
Queue #1: FREE
Queue #2: FREE
Queue #3: FREE
Queue #4: FREE
Queue #5: FREE
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
4, 6), (38, 4, 1), (17, 5, 6), (11, 6, 1), (30, 6, 3), (46, 6, 5), (18, 7, 2), (23, 7, 1), (26, 8, 1), (34, 8, 5), (44, 8, 6), (7, 9, 6), (42, 9, 2), (4, 11, 1), (27, 11, 5), (6, 12, 5), (36, 12, 5), (20, 16, 3), (31, 16,
3), (45, 16, 4), (5, 18, 2), (25, 21, 4), (32, 21, 4), (40, 22, 5), (15,
(12, 25, 3), (24, 25, 6), (28, 27, 3), (10, 28, 6), (9, 30, 5), (21, 30, 5), (37, 30, 1), (43, 31, 3), (13, 33, 6), (50, 33, 4), (19, 34, 1), (41, 36, 5), (33, 37, 5), (48, 38, 6), (49, 38, 2), (8, 39, 2), (35, 39, 4)
Queue #1: FREE
Queue #3: FREE
```



```
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Time: 2
1), (34, 8, 5), (44, 8, 6), (7, 9, 6), (42, 9, 2), (4, 11, 1), (27, 11, 5), (6, 12, 5), (36, 12, 5), (20, 16, 3), (31, 16, 3), (45, 16, 4), (5,
18, 2), (25, 21, 4), (32, 21, 4), (40, 22, 5), (15, 23, 6), (3, 24, 4), (14, 24, 1), (22, 24, 6), (29, 24, 6), (47, 24, 5), (12, 25, 3), (24, 25, 6), (28, 27, 3), (10, 28, 6), (9, 30, 5), (21, 30, 5), (37, 30, 1), (43, 31, 3), (13, 33, 6), (50, 33, 4), (19, 34, 1), (41, 36, 5), (33, 37, 5), (48, 38, 6), (49, 38, 2), (8, 39, 2), (35, 39, 4)
(48, 38, 6), (49, 38, 2), (8, 39, 2), (35, 39, 4)
Queue #1: (2, 2, 5)
Queue #2: (39, 2, 2)
Queue #4: FREE
Queue #5: FREE
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
6, 1), (30, 6, 3), (46, 6, 5), (18, 7, 2), (23, 7, 1), (26, 8, 1), (34, 8, 5), (44, 8, 6), (7, 9, 6), (42, 9, 2), (4, 11, 1), (27, 11, 5), (6, 12, 5), (36, 12, 5), (20, 16, 3), (31, 16, 3), (45, 16, 4), (5, 18, 2), (25,
3), (10, 28, 6), (9, 30, 5), (21, 30, 5), (37, 30, 1), (43, 31, 3), (13, 33, 6), (50, 33, 4), (19, 34, 1), (41, 36, 5), (33, 37, 5), (48, 38, 6), (49, 38, 2), (8, 39, 2), (35, 39, 4)
Queue #1: (2, 2, 4)
Queue #2: (39, 2, 1)(16, 3, 5)
Queue #3: FREE
Queue #4: FREE
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
```

```
Service time interval: [1, 7]
6), (42, 9, 2), (4, 11, 1), (27, 11, 5), (6, 12, 5), (36, 12, 5), (20, 16,
3), (31, 16, 3), (45, 16, 4), (5, 18, 2), (25, 21, 4), (32, 21, 4), (40,
(47, 24, 5), (12, 25, 3), (24, 25, 6), (28, 27, 3), (10, 28, 6), (9, 30, 5), (21, 30, 5), (37, 30, 1), (43, 31, 3), (13, 33, 6), (50, 33, 4), (19, 34, 1), (41, 36, 5), (33, 37, 5), (48, 38, 6), (49, 38, 2), (8, 39, 2),
Queue #1: (2, 2, 3)
Queue #2: (16, 3, 5)
Queue #3: (1, 4, 6)
Queue #4: (38, 4, 1)
Queue #5: FREE
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Time: 5
Clients that haven't arrived yet: (11, 6, 1), (30, 6, 3), (46, 6, 5), (18,
2), (4, 11, 1), (27, 11, 5), (6, 12, 5), (36, 12, 5), (20, 16, 3), (31, 16, 3), (45, 16, 4), (5, 18, 2), (25, 21, 4), (32, 21, 4), (40, 22, 5),
(15, 23, 6), (3, 24, 4), (14, 24, 1), (22, 24, 6), (29, 24, 6), (47, 24,
5), (12, 25, 3), (24, 25, 6), (28, 27, 3), (10, 28, 6), (9, 30, 5), (21,
30, 5), (37, 30, 1), (43, 31, 3), (13, 33, 6), (50, 33, 4), (19, 34, 1),
Queue #1: (2, 2, 2)
Queue #2: (16, 3, 4)
Queue #3: (1, 4, 5)
Queue #4: (17, 5, 6)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Time: 6
5), (36, 12, 5), (20, 16, 3), (31, 16, 3), (45, 16, 4), (5, 18, 2), (25, 21, 4), (32, 21, 4), (40, 22, 5), (15, 23, 6), (3, 24, 4), (14, 24, 1),
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3), (10, 28, 6), (9, 30, 5), (21, 30, 5), (37, 30, 1), (43, 31, 3), (13, 33, 6), (50, 33, 4), (19, 34, 1), (41, 36, 5), (33, 37, 5), (48, 38, 6), (49, 38, 2), (8, 39, 2), (35, 39, 4)
Queue #1: (2, 2, 1)(30, 6, 3)
Queue #2: (16, 3, 3)
Queue #4: (17, 5, 5)
Queue #5: (11, 6, 1)(46, 6, 5)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Service time interval: [1, 7]
16, 3), (31, 16, 3), (45, 16, 4), (5, 18, 2), (25, 21, 4), (32, 21, 4), (40, 22, 5), (15, 23, 6), (3, 24, 4), (14, 24, 1), (22, 24, 6), (29, 24, 6), (47, 24, 5), (12, 25, 3), (24, 25, 6), (28, 27, 3), (10, 28, 6), (9, 20, 5)
30, 5), (21, 30, 5), (37, 30, 1), (43, 31, 3), (13, 33, 6), (50, 33, 4),
2), (35, 39, 4)
Queue #1: (30, 6, 3)(23, 7, 1)
Queue #2: (16, 3, 2)(18, 7, 2)
Queue #3: (1, 4, 3)
Queue #4: (17, 5, 4)
Queue #5: (11, 6, 1)(46, 6, 5)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Service time interval: [1, 7]
(43, 31, 3), (13, 33, 6), (50, 33, 4), (19, 34, 1), (41, 36, 5), (33, 37, 5), (48, 38, 6), (49, 38, 2), (8, 39, 2), (35, 39, 4)
Queue #1: (30, 6, 2)(23, 7, 1)(34, 8, 5)
Queue #2: (16, 3, 1)(18, 7, 2)(44, 8, 6)
Queue #3: (1, 4, 2)(26, 8, 1)
Queue \#4: (17, 5, 4)
```



```
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Time: 9
4), (32, 21, 4), (40, 22, 5), (15, 23, 6), (3, 24, 4), (14, 24, 1), (22, 24, 6), (29, 24, 6), (47, 24, 5), (12, 25, 3), (24, 25, 6), (28, 27, 3), (10, 28, 6), (9, 30, 5), (21, 30, 5), (37, 30, 1), (43, 31, 3), (13, 33, 6), (50, 33, 4), (19, 34, 1), (41, 36, 5), (33, 37, 5), (48, 38, 6), (49, 38, 2), (8, 39, 2), (35, 39, 4)
Queue #1: (30, 6, 1)(23, 7, 1)(34, 8, 5)
Queue #2: (18, 7, 2)(44, 8, 6)
Queue #3: (1, 4, 1)(26, 8, 1)(7, 9, 6)
Queue #4: (17, 5, 2)(42, 9, 2)
Queue #5: (46, 6, 4)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Time: 10
Clients that haven't arrived yet: (4, 11, 1), (27, 11, 5), (6, 12, 5),
(32, 21, 4), (40, 22, 5), (15, 23, 6), (3, 24, 4), (14, 24, 1), (22, 24, 6), (29, 24, 6), (47, 24, 5), (12, 25, 3), (24, 25, 6), (28, 27, 3), (10, 28, 6), (9, 30, 5), (21, 30, 5), (37, 30, 1), (43, 31, 3), (13, 33, 6), (50, 33, 4), (19, 34, 1), (41, 36, 5), (33, 37, 5), (48, 38, 6), (49,
38, 2), (8, 39, 2), (35, 39, 4)
Queue #1: (23, 7, 1)(34, 8, 5)
Queue #2: (18, 7, 1) (44, 8, 6)
Queue #3: (26, 8, 1) (7, 9, 6)
Queue #4: (17, 5, 1) (42, 9, 2)
Queue #5: (46, 6, 3)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Time: 11
Clients that haven't arrived yet: (6, 12, 5), (36, 12, 5), (20, 16, 3),
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(31, 16, 3), (45, 16, 4), (5, 18, 2), (25, 21, 4), (32, 21, 4), (40, 22, 5), (15, 23, 6), (3, 24, 4), (14, 24, 1), (22, 24, 6), (29, 24, 6), (47, 24, 5), (12, 25, 3), (24, 25, 6), (28, 27, 3), (10, 28, 6), (9, 30, 5),
(21, 30, 5), (37, 30, 1), (43, 31, 3), (13, 33, 6), (50, 33, 4), (19, 34, 1), (41, 36, 5), (33, 37, 5), (48, 38, 6), (49, 38, 2), (8, 39, 2), (35,
39, 4)
Queue #1: (34, 8, 5)
Queue #2: (44, 8, 6)
Queue #3: (7, 9, 6)
Queue #4: (42, 9, 2)(27, 11, 5)
Queue #5: (46, 6, 1)(4, 11, 1)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
4), (14, 24, 1), (22, 24, 6), (29, 24, 6), (47, 24, 5), (12, 25, 3), (24, 25, 6), (28, 27, 3), (10, 28, 6), (9, 30, 5), (21, 30, 5), (37, 30, 1),
5), (48, 38, 6), (49, 38, 2), (8, 39, 2), (35, 39, 4)
Queue #1: (34, 8, 4)(36, 12, 5)
Queue #2: (44, 8, 5)
Queue #3: (7, 9, 5)
Queue #4: (42, 9, 1)(27, 11, 5)
Queue #5: (4, 11, 1)(6, 12, 5)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
25, 6), (28, 27, \overline{3}), (10, 28, 6), (9, 30, 5), (21, 30, \overline{5}), (37, 30, 1),
(43, 31, 3), (13, 33, 6), (50, 33, 4), (19, 34, 1), (41, 36, 5), (33, 37, 5), (48, 38, 6), (49, 38, 2), (8, 39, 2), (35, 39, 4)
Queue #1: (34, 8, 3)(36, 12, 5)
Queue #2: (44, 8, 4)
Queue #3: (7, 9, 4)
Queue #4: (27, 11, 5)
```



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Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
4), (14, 24, 1), (22, 24, 6), (29, 24, 6), (47, 24, 5), (12, 25, 3), (24, 25, 6), (28, 27, 3), (10, 28, 6), (9, 30, 5), (21, 30, 5), (37, 30, 1),
(43, 31, 3), (13, 33, 6), (50, 33, 4), (19, 34, 1), (41, 36, 5), (33, 37, 5), (48, 38, 6), (49, 38, 2), (8, 39, 2), (35, 39, 4)
Queue #1: (34, 8, 2)(36, 12, 5)
Queue #2: (44, 8, 3)
Queue #3: (7, 9, 3)
Queue #4: (27, 11, 4)
Queue #5: (6, 12, 4)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
4), (14, 24, 1), (22, 24, 6), (29, 24, 6), (47, 24, 5), (12, 25, 3), (24,
25, 6), (28, 27, 3), (10, 28, 6), (9, 30, 5), (21, 30, 5), (37, 30, 1),
(43, 31, 3), (13, 33, 6), (50, 33, 4), (19, 34, 1), (41, 36, 5), (33, 37, 5), (48, 38, 6), (49, 38, 2), (8, 39, 2), (35, 39, 4)
Queue #1: (34, 8, 1)(36, 12, 5)
Queue #2: (44, 8, 2)
Queue #3: (7, 9, 2)
Queue #4: (27, 11, 3)
Queue #5: (6, 12, 3)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Time: 16
6), (47, 24, 5), (12, 25, 3), (24, 25, 6), (28, 27, 3), (10, 28, 6), (9, 30, 5), (21, 30, 5), (37, 30, 1), (43, 31, 3), (13, 33, 6), (50, 33, 4),
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2), (35, 39, 4)
Queue #1: (36, 12, 5)
Queue #2: (44, 8, 1)(20, 16, 3)
Queue #3: (7, 9, 1)(31, 16, 3)
Queue #4: (27, 11, 2)(45, 16, 4)
Queue #5: (6, 12, 2)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Time: 17
Clients that haven't arrived yet: (5, 18, 2), (25, 21, 4), (32, 21, 4),
6), (47, 24, 5), (12, 25, 3), (24, 25, 6), (28, 27, 3), (10, 28, 6), (9,
30, 5), (21, 30, 5), (37, 30, 1), (43, 31, 3), (13, 33, 6), (50, 33, 4), (19, 34, 1), (41, 36, 5), (33, 37, 5), (48, 38, 6), (49, 38, 2), (8, 39, 2), (35, 39, 4)
Queue #1: (36, 12, 4)
Queue #2: (20, 16, 3)
Queue #3: (31, 16, 3)
Queue #4: (27, 11, 1)(45, 16, 4)
Queue #5: (6, 12, 1)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Time: 18
(15, 23, 6), (3, 24, 4), (14, 24, 1), (22, 24, 6), (29, 24, 6), (47, 24, 5), (12, 25, 3), (24, 25, 6), (28, 27, 3), (10, 28, 6), (9, 30, 5), (21, 30, 5), (37, 30, 1), (43, 31, 3), (13, 33, 6), (50, 33, 4), (19, 34, 1), (41, 36, 5), (33, 37, 5), (48, 38, 6), (49, 38, 2), (8, 39, 2), (35, 39, 3)
Queue #1: (36, 12, 3)
Queue #2: (20, 16, 2)
Queue #3: (31, 16, 2)
Queue #4: (45, 16, 4)
Queue #5: (5, 18, 2)
Maximum simulation time: 60
Number of clients: 50
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Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Time: 19
Clients that haven't arrived yet: (25, 21, 4), (32, 21, 4), (40, 22, 5),
(15, 23, 6), (3, 24, 4), (14, 24, 1), (22, 24, 6), (29, 24, 6), (47, 24, 6)
5), (12, 25, 3), (24, 25, 6), (28, 27, 3), (10, 28, 6), (9, 30, 5), (21, 30, 5), (37, 30, 1), (43, 31, 3), (13, 33, 6), (50, 33, 4), (19, 34, 1), (41, 36, 5), (33, 37, 5), (48, 38, 6), (49, 38, 2), (8, 39, 2), (35, 39,
Queue #1: (36, 12, 2)
Queue #2: (20, 16, 1)
Queue #3: (31, 16, 1)
Queue #4: (45, 16, 3)
Queue #5: (5, 18, 1)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Service time interval: [1, 7]
Time: 20
Clients that haven't arrived yet: (25, 21, 4), (32, 21, 4), (40, 22, 5),
(15, 23, 6), (3, 24, 4), (14, 24, 1), (22, 24, 6), (29, 24, 6), (47, 24, 5), (12, 25, 3), (24, 25, 6), (28, 27, 3), (10, 28, 6), (9, 30, 5), (21, 30, 5), (37, 30, 1), (43, 31, 3), (13, 33, 6), (50, 33, 4), (19, 34, 1),
4)
Queue #1: (36, 12, 1)
Queue #4: (45, 16, 2)
Queue #5: FREE
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Time: 21
(14, 24, 1), (22, 24, 6), (29, 24, 6), (47, 24, 5), (12, 25, 3), (24, 25, 6), (28, 27, 3), (10, 28, 6), (9, 30, 5), (21, 30, 5), (37, 30, 1), (43, 31, 3), (13, 33, 6), (50, 33, 4), (19, 34, 1), (41, 36, 5), (33, 37, 5),
(48, 38, 6), (49, 38, 2), (8, 39, 2), (35, 39, 4)
Queue #1: (25, 21, 4)
```

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Queue #4: (45, 16, 1)
Queue #5: FREE
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Time: 22
(22, 24, 6), (29, 24, 6), (47, 24, 5), (12, 25, 3), (24, 25, 6), (28, 27, 3), (10, 28, 6), (9, 30, 5), (21, 30, 5), (37, 30, 1), (43, 31, 3), (13, 33, 6), (50, 33, 4), (19, 34, 1), (41, 36, 5), (33, 37, 5), (48, 38, 6), (49, 38, 2), (8, 39, 2), (35, 39, 4)
Queue #1: (25, 21, 3)
Queue #2: (32, 21, 3)
Queue #3: (40, 22, 5)
Queue #4: FREE
Queue #5: FREE
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Time: 23
Clients that haven't arrived yet: (3, 24, 4), (14, 24, 1), (22, 24, 6),
(29, 24, 6), (47, 24, 5), (12, 25, 3), (24, 25, 6), (28, 27, 3), (10, 28, 6), (9, 30, 5), (21, 30, 5), (37, 30, 1), (43, 31, 3), (13, 33, 6), (50, 33, 4), (19, 34, 1), (41, 36, 5), (33, 37, 5), (48, 38, 6), (49, 38, 2),
Queue #1: (25, 21, 2)
Queue #2: (32, 21, 2)
Queue #3: (40, 22, 4)
Queue #4: (15, 23, 6)
Queue #5: FREE
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Service time interval: [1, 7]
Time: 24
Clients that haven't arrived yet: (12, 25, 3), (24, 25, 6), (28, 27, 3),
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6), (50, 33, 4), (19, 34, 1), (41, 36, 5), (33, 37, 5), (48, 38, 6), (49,
38, 2), (8, 39, 2), (35, 39, 4)
Queue #1: (25, 21, 1)(14, 24, 1)(29, 24, 6)
Queue #2: (32, 21, 1)(22, 24, 6)
Queue #3: (40, 22, 3)(47, 24, 5)
Queue #4: (15, 23, 5)
Queue #5: (3, 24, 4)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Time: 25
Clients that haven't arrived yet: (28, 27, 3), (10, 28, 6), (9, 30, 5),
(21, 30, 5), (37, 30, 1), (43, 31, 3), (13, 33, 6), (50, 33, 4), (19, 34,
1), (41, 36, 5), (33, 37, 5), (48, 38, 6), (49, 38, 2), (8, 39, 2), (35,
39, 4)
Queue #1: (14, 24, 1)(29, 24, 6)
Queue #2: (22, 24, 6)
Queue #3: (40, 22, 2)(47, 24, 5)
Queue #4: (15, 23, 4)(12, 25, 3)
Queue #5: (3, 24, 4)(24, 25, 6)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Time: 26
1), (41, 36, 5), (33, 37, 5), (48, 38, 6), (49, 38, 2), (8, 39, 2), (35,
39, 4)
Queue #1: (29, 24, 6)
Queue #2: (22, 24, 5)
Queue #3: (40, 22, 1)(47, 24, 5)
Queue #4: (15, 23, 3)(12, 25, 3)
Queue #5: (3, 24, 2)(24, 25, 6)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
```

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Clients that haven't arrived yet: (10, 28, 6), (9, 30, 5), (21, 30, 5),
(37, 30, 1), (43, 31, 3), (13, 33, 6), (50, 33, 4), (19, 34, 1), (41, 36, 5), (33, 37, 5), (48, 38, 6), (49, 38, 2), (8, 39, 2), (35, 39, 4)
Queue #1: (29, 24, 5)
Queue #2: (22, 24, 4)(28, 27, 3)
Queue #3: (47, 24, 5)
Queue #4: (15, 23, 2)(12, 25, 3)
Queue #5: (3, 24, 1)(24, 25, 6)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Time: 28
Clients that haven't arrived yet: (9, 30, 5), (21, 30, 5), (37, 30, 1),
(43, 31, 3), (13, 33, 6), (50, 33, 4), (19, 34, 1), (41, 36, 5), (33, 37,
5), (48, 38, 6), (49, 38, 2), (8, 39, 2), (35, 39, 4)
Queue #1: (29, 24, 4)(10, 28, 6)
Queue #2: (22, 24, 3)(28, 27, 3)
Queue #3: (47, 24, 4)
Queue #4: (15, 23, 1)(12, 25, 3)
Queue #5: (24, 25, 6)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Time: 29
Clients that haven't arrived yet: (9, 30, 5), (21, 30, 5), (37, 30, 1),
5), (48, 38, 6), (49, 38, 2), (8, 39, 2), (35, 39, 4)
Queue #1: (29, 24, 3)(10, 28, 6)
Queue #2: (22, 24, 2)(28, 27, 3)
Queue #3: (47, 24, 3)
Queue #4: (12, 25, 3)
Queue #5: (24, 25, 5)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
```

```
Time: 30
Clients that haven't arrived yet: (43, 31, 3), (13, 33, 6), (50, 33, 4),
(19, 34, 1), (41, 36, 5), (33, 37, 5), (48, 38, 6), (49, 38, 2), (8, 39, 2), (35, 39, 4)
Queue #1: (29, 24, 2)(10, 28, 6)
Queue #2: (22, 24, 1)(28, 27, 3)(37, 30, 1)
Queue #3: (47, 24, 2)(9, 30, 5)
Queue #4: (12, 25, 2)(21, 30, 5)
Queue #5: (24, 25, 4)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Time: 31
Clients that haven't arrived yet: (13, 33, 6), (50, 33, 4), (19, 34, 1),
Queue #1: (29, 24, 1)(10, 28, 6)
Queue #2: (28, 27, 3)(37, 30, 1)
Queue #3: (47, 24, 1)(9, 30, 5)
Queue #4: (12, 25, 1)(21, 30, 5)
Queue #5: (24, 25, 3)(43, 31, 3)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Time: 32
Clients that haven't arrived yet: (13, 33, 6), (50, 33, 4), (19, 34, 1),
Queue #1: (10, 28, 6)
Queue #2: (28, 27, 2)(37, 30, 1)
Queue #3: (9, 30, 5)
Queue #4: (21, 30, 5)
Queue #5: (24, 25, 2)(43, 31, 3)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
```

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Time: 33
Clients that haven't arrived yet: (19, 34, 1), (41, 36, 5), (33, 37, 5),
(48, 38, 6), (49, 38, 2), (8, 39, 2), (35, 39, 4)
Queue #1: (10, 28, 5)
Queue #2: (28, 27, 1)(37, 30, 1)(13, 33, 6)
Queue #3: (9, 30, 4)(50, 33, 4)
Queue #4: (21, 30, 4)
Queue #5: (24, 25, 1)(43, 31, 3)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Time: 34
Clients that haven't arrived yet: (41, 36, 5), (33, 37, 5), (48, 38, 6),
(49, 38, 2), (8, 39, 2), (35, 39, 4)
Queue #1: (10, 28, 4)
Queue #2: (37, 30, 1)(13, 33, 6)
Queue #3: (9, 30, 3)(50, 33, 4)
Queue #4: (21, 30, 3)(19, 34, 1)
Queue #5: (43, 31, 3)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Queue #1: (10, 28, 3)
Queue #2: (13, 33, 6)
Queue #3: (9, 30, 2)(50, 33, 4)
Queue #4: (21, 30, 2)(19, 34, 1)
Queue #5: (43, 31, 2)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Time: 36
Clients that haven't arrived yet: (33, 37, 5), (48, 38, 6), (49, 38, 2),
(8, 39, 2), (35, 39, 4)
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Queue #1: (10, 28, 2)
Queue #2: (13, 33, 5)
Queue #3: (9, 30, 1)(50, 33, 4)
Queue #4: (21, 30, 1)(19, 34, 1)
Queue #5: (43, 31, 1)(41, 36, 5)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Time: 37
Clients that haven't arrived yet: (48, 38, 6), (49, 38, 2), (8, 39, 2),
(35, 39, 4)
Queue #1: (10, 28, 1)(33, 37, 5)
Queue #2: (13, 33, 4)
Queue #3: (50, 33, 4)
Queue #4: (19, 34, 1)
Queue #5: (41, 36, 5)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Time: 38
Clients that haven't arrived yet: (8, 39, 2), (35, 39, 4)
Queue #1: (33, 37, 5)
Queue #2: (13, 33, 3)(49, 38, 2)
Queue #3: (50, 33, 3)
Queue #4: (48, 38, 6)
Queue #5: (41, 36, 4)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Time: 39
All of the clients have already arrived.
Queue #1: (33, 37, 4)
Queue #2: (13, 33, 2)(49, 38, 2)
Queue #3: (50, 33, 2)(8, 39, 2)
Queue #4: (48, 38, 5)
```

```
Queue #5: (41, 36, 3)(35, 39, 4)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Time: 40
All of the clients have already arrived.
Queue #1: (33, 37, 3)
Queue #2: (13, 33, 1)(49, 38, 2)
Queue #3: (50, 33, 1)(8, 39, 2)
Queue #4: (48, 38, 4)
Queue #5: (41, 36, 2)(35, 39, 4)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Time: 41
All of the clients have already arrived.
Queue #1: (33, 37, 2)
Queue #2: (49, 38, 2)
Queue #3: (8, 39, 2)
Queue #4: (48, 38, 3)
Queue #5: (41, 36, 1)(35, 39, 4)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Time: 42
All of the clients have already arrived.
Queue #1: (33, 37, 1)
Queue #2: (49, 38, 1)
Queue #3: (8, 39, 1)
Queue #4: (48, 38, 2)
Queue #5: (35, 39, 4)
Maximum simulation time: 60
Number of clients: 50
```

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Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Time: 43
All of the clients have already arrived.
Queue #1: FREE
Queue #4: (48, 38, 1)
Queue #5: (35, 39, 3)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Time: 44
All of the clients have already arrived.
Queue #1: FREE
Queue #2: FREE
Queue #3: FREE
Queue #4: FREE
Queue #5: (35, 39, 2)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Time: 45
All of the clients have already arrived.
Queue #1: FREE
Queue #2: FREE
Queue #3: FREE
Queue #4: FREE
Queue #5: (35, 39, 1)
Maximum simulation time: 60
Number of clients: 50
Number of queues: 5
Arrival time interval: [2, 40]
Service time interval: [1, 7]
Time: 46
All of the clients have already arrived.
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24
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Queue #4: FREE
No more clients to assign, all queues are empty
No reason to keep the app running, ending simulation..
Average service time: 3.86
     Time: 0
8), (90, 13, 3), (166, 13, 4), (186, 13, 7), (374, 13, 8), (396, 13, 5),
(942, 13, 7), (84, 14, 6), (85, 14, 6), (141, 14, 5), (144, 14, 5), (159, 14, 3), (162, 14, 6), (398, 14, 6), (609, 14, 4), (701, 14, 7), (760, 14, 6), (821, 14, 4), (81, 15, 7), (122, 15, 3), (128, 15, 3), (140, 15, 5),
(127, 17, 5), (220, 17, 4), (246, 17, 7), (373, 17, 6), (377, 17, 4), (382, 17, 8), (452, 17, 3), (469, 17, 3), (516, 17, 5), (575, 17, 3), (615, 17, 3), (670, 17, 7), (773, 17, 7), (783, 17, 5), (828, 17, 7), (872, 17, 7), (886, 17, 5), (131, 18, 7), (181, 18, 7), (253, 18, 6),
(539, 19, 7), (675, 19, 6), (692, 19, 4), (707, 19, 8), (776, 19, 7), (871, 19, 8), (916, 19, 6), (961, 19, 8), (164, 20, 4), (234, 20, 8), (237, 20, 5), (429, 20, 3), (442, 20, 7), (506, 20, 8), (603, 20, 6), (627, 20, 7), (882, 20, 8), (888, 20, 3), (920, 20, 3), (968, 20, 5), (107, 201, 5), (147, 201, 5), (161, 201, 201, 5)
(962, 21, 3), (973, 21, 6), (1000, 21, 6), (11, 22, 3), (34, 22, 3), (73, 22, 6), (151, 22, 4), (236, 22, 6), (255, 22, 7), (293, 22, 5), (325, 22, 6), (460, 22, 3), (501, 22, 7), (521, 22, 6), (579, 22, 5), (630, 22, 3),
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23, 4), (180, 23, 6), (224, 23, 6), (297, 23, 4), (298, 23, 8), (585, 23, 6), (668, 23, 6), (836, 23, 5), (5, 24, 4), (19, 24, 6), (193, 24, 6),
 (592, 24, 7), (600, 24, 3), (656, 24, 7), (791, 24, 6), (875, 24, 3),
(906, 24, 4), (915, 24, 4), (953, 24, 4), (975, 24, 4), (993, 24, 4),
(368, 25, 4), (390, 25, 4), (415, 25, 8), (448, 25, 6), (463, 25, 3), (481, 25, 7), (655, 25, 5), (684, 25, 7), (740, 25, 4), (937, 25, 3), 26, 4), (165, 26, 4), (348, 26, 7), (427, 26, 3), (428, 26, 3), (440,
(537, 28, 6), (694, 28, 3), (747, 28, 8), (750, 28, 7), (852, 28, 8), (923, 28, 5), (27, 29, 7), (121, 29, 4), (206, 29, 3), (317, 29, 3), (406, 29, 3), (520, 29, 4), (524, 29, 7), (535, 29, 5), (561, 29, 5), (563, 29,
33, 5), (467, 33, 7), (507, 33, 4), (559, 33, 8), (714, 33, 6), (14, 34, 8), (57, 34, 5), (61, 34, 5), (82, 34, 4), (99, 34, 3), (125, 34, 7),
(551, 37, 6), (571, 37, 5), (589, 37, 4), (653, 37, 8), (840, 37, 4), (846, 37, 4), (877, 37, 8), (13, 38, 8), (40, 38, 8), (46, 38, 6), (63, 38, 7), (169, 38, 8), (356, 38, 8), (439, 38, 4), (522, 38, 3), (650, 3
 (267, 39, 5), (286, 39, 4), (350, 39, 8), (358, 39, 3), (527, 39, 5),
43, 5), (386, 43, 6), (499, 43, 3), (530, 43, 6), (599, 43, 4), (686, 43, 8), (899, 43, 7), (986, 43, 5), (3, 44, 7), (62, 44, 7), (163, 44, 3), (183, 44, 5), (238, 44, 5), (263, 44, 8), (393, 44, 5), (453, 44, 4), (477, 44, 3), (587, 44, 5), (833, 44, 8), (950, 44, 3), (247, 45, 4), (201, 45, 6), (247, 45, 4),
                                   (905, 46, 3), (43, 47, 6), (70, 47, 3), (130, 47, 3),
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(695, 47, 6), (214, 47, 7), (236, 47, 7), (261, 17, 7), (367, 17, 6), (695, 47, 6), (769, 47, 4), (32, 48, 4), (36, 48, 8), (150, 48, 7), (170, 48, 5), (397, 48, 3), (550, 48, 6), (744, 48, 5), (752, 48, 4), (878, 48, 5), (935, 48, 4), (957, 48, 8), (991, 48, 7), (86, 49, 5), (311, 49, 4), (360, 49, 6), (363, 49, 7), (473, 49, 4), (552, 49, 6), (647, 49, 8),
8), (687, 50, 6), (726, 50, 3), (478, 51, 6), (505, 51, 8), (531, 51, 6), (536, 51, 6), (591, 51, 6), (620, 51, 8), (652, 51, 3), (897, 51, 3), (24,
6), (666, 54, 7), (739, 54, 5), (803, 54, 4), (12, 55, 4), (103, 55, 3), (211, 55, 7), (338, 55, 4), (541, 55, 4), (593, 55, 5), (748, 55, 8), (111, 56, 3), (566, 56, 8), (621, 56, 6), (628, 56, 6), (689, 56, 3),
(934, 66, 4), (15, 67, 6), (42, 67, 7), (51, 67, 7), (76, 67, 7), (279, 67, 4), (364, 67, 4), (518, 67, 7), (549, 67, 6), (557, 67, 3), (691, 67, 8), (699, 67, 8), (789, 67, 5), (870, 67, 8), (21, 68, 6), (95, 68, 3),
  (759, 69, 6), (792, 69, 8), (857, 69, 8), (959, 69, 5), (114, 70, 5), (199, 70, 6), (299, 70, 6), (414, 70, 7), (430, 70, 3), (582, 70, 7), (634, 70, 8), (808, 70, 6), (867, 70, 5), (978, 70, 3), (979, 70, 4),
(197, 72, 8), (266, 72, 8), (307, 72, 3), (365, 72, 3), (444, 72, 8), (533, 72, 4), (639, 72, 3), (654, 72, 6), (659, 72, 5), (671, 72, 8), (772, 72, 5), (835, 72, 7), (858, 72, 7), (56, 73, 5), (64, 73, 7), (105, 73, 4), (154, 73, 7), (168, 73, 7), (185, 73, 6), (366, 73, 5), (387, 73, 7), (511, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660, 73, 7), (660
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4), (844, 76, 5), (912, 76, 5), (922, 76, 3), (92, 77, 3), (142, 77, 4), (229, 77, 8), (230, 77, 3), (346, 77, 8), (432, 77, 7), (472, 77, 5), (474, 77, 8), (765, 77, 4), (885, 77, 5), (902, 77, 8), (38, 78, 4), (129, 78, 5), (172, 78, 8), (245, 78, 8), (288, 78, 6), (796, 78, 8), (889, 78,
(450, 79, 7), (645, 79, 7), (664, 79, 6), (793, 79, 8), (805, 79, 3), (854, 79, 8), (861, 79, 5), (873, 79, 8), (971, 79, 7), (37, 80, 8), (284, 80, 5), (292, 80, 7), (401, 80, 8), (407, 80, 7), (636, 80, 7), (678, 80, 8), (761, 80, 7), (763, 80, 5), (825, 80, 8), (917, 80, 3), (954, 80, 3),
(945, 81, 3), (992, 81, 7), (6, 82, 7), (71, 82, 5), (123, 82, 8), (225, 82, 7), (353, 82, 8), (544, 82, 4), (733, 82, 6), (778, 82, 8), (29, 83,
8), (296, 83, 7), (542, 83, 4), (677, 83, 7), (949, 83, 8), (118, 84, 4), (171, 84, 6), (184, 84, 7), (208, 84, 8), (243, 84, 5), (289, 84, 4), (372, 84, 8), (380, 84, 3), (462, 84, 4), (606, 84, 6), (731, 84, 4),
4), (640, 86, 6), (819, 86, 4), (838, 86, 8), (864, 86, 5), (939, 86, 7), (976, 86, 3), (977, 86, 6), (2, 87, 4), (52, 87, 7), (54, 87, 5), (58, 87, 8), (96, 87, 4), (191, 87, 6), (198, 87, 7), (219, 87, 7), (421, 87, 5),
8), (232, 91, 8), (233, 91, 5), (290, 91, 3), (548, 91, 8), (611, 91, (657, 91, 6), (662, 91, 5), (693, 91, 5), (843, 91, 4), (926, 91, 6), (951, 91, 6), (982, 91, 3), (102, 92, 6), (112, 92, 3), (139, 92, 4),
 (456, 92, 3), (594, 92, 4), (597, 92, 3), (812, 92, 3), (829, 92, 8),
 (218, 93, 5), (280, 93, 8), (294, 93, 6), (376, 93, 6), (413, 93, 5),
(907, 93, 8), (940, 93, 5), (371, 94, 6), (437, 94, 4), (562, 94, 6), (702, 94, 4), (869, 94, 8), (919, 94, 6), (921, 94, 4), (999, 94, 4), (384, 95, 8), (425, 95, 5), (470, 95, 4), (526, 95, 6), (570, 95, 4), (658, 95, 6), (734, 95, 3), (775, 95, 7), (798, 95, 7), (862, 95, 3),
 (617, 96, 5), (631, 96, 4), (633, 96, 8), (672, 96, 3), (698, 96, 5),
 (312, 99, 3), (493, 99, 7), (495, 99, 5), (586, 99, 7), (751, 99, 6),
     Queue #4: FREE
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Queue #16: FREE
       Time: 1
(901, 11, 4), (9, 12, 7), (23, 12, 8), (31, 12, 8), (319, 12, 3), (426, 12, 3), (512, 12, 3), (529, 12, 4), (622, 12, 5), (646, 12, 3), (998, 12, 8), (90, 13, 3), (166, 13, 4), (186, 13, 7), (374, 13, 8), (396, 13, 5),
(627, 20, 7), (882, 20, 8), (888, 20, 3), (920, 20, 3), (968, 20, 5), (107, 21, 5), (147, 21, 5), (461, 21, 4), (503, 21, 8), (614, 21, 3), (638, 21, 6), (703, 21, 3), (709, 21, 8), (810, 21, 7), (895, 21, 3), (962, 21, 3), (973, 21, 6), (1000, 21, 6), (11, 22, 3), (34, 22, 3), (73, 22, 6), (151, 22, 4), (236, 22, 6), (255, 22, 7), (293, 22, 5), (325, 22, 22, 22, 23)
23, 4), (180, 23, 6), (224, 23, 6), (297, 23, 4), (298, 23, 8), (585, 23, 6), (668, 23, 6), (836, 23, 5), (5, 24, 4), (19, 24, 6), (193, 24, 6),
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(368, 25, 4), (390, 25, 4), (415, 25, 8), (448, 25, 6), (463, 25, 3),
5), (618, 29, 6), (626, 29, 5), (807, 29, 6), (841, 29, 7), (881, 29, 5), (909, 29, 6), (938, 29, 6), (948, 29, 5), (55, 30, 7), (179, 30, 7), (435, 30, 8), (458, 30, 7), (482, 30, 5), (494, 30, 4), (642, 30, 5), (904, 30,
5), (674, 38, 7), (746, 38, 4), (853, 38, 5), (974, 38, 8), (83, 39, 4), (267, 39, 5), (286, 39, 4), (350, 39, 8), (358, 39, 3), (527, 39, 5), (572, 39, 3), (679, 39, 6), (690, 39, 5), (891, 39, 7), (913, 39, 7),
(357, 41, 6), (420, 41, 5), (465, 41, 4), (643, 41, 4), (648, 41, 4),
42, 5), (97, 42, 7), (110, 42, 3), (158, 42, 5), (235, 42, 4), (330, 42,
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(360, 49, 6), (363, 49, 7), (473, 49, 4), (552, 49, 6), (647, 49, 8), (797, 49, 7), (874, 49, 6), (970, 49, 3), (996, 49, 6), (72, 50, 5), (136, 50, 5), (283, 50, 5), (483, 50, 5), (484, 50, 3), (492, 50, 8), (584, 50,
(741, 56, 6), (764, 56, 8), (108, 57, 8), (173, 57, 7), (822, 57, 3), (834, 57, 3), (879, 57, 8), (133, 58, 8), (277, 58, 5), (719, 58, 6), (4, 59, 3), (287, 59, 4), (320, 59, 7), (443, 59, 5), (696, 59, 5), (711, 59,
65, 6), (341, 65, 7), (342, 65, 6), (412, 65, 7), (508, 65, 5), (546, 65, 4), (588, 65, 3), (777, 65, 3), (848, 65, 8), (66, 66, 4), (137, 66, 5), (195, 66, 5), (394, 66, 8), (449, 66, 7), (590, 66, 3), (681, 66, 5),
(104, 68, 3), (215, 68, 3), (227, 68, 8), (308, 68, 4), (333, 68, 8), (339, 68, 3), (354, 68, 5), (417, 68, 8), (742, 68, 6), (756, 68, 6), (269, 4), (80, 69, 8), (187, 69, 8), (400, 69, 6), (410, 69, 4), (431, 69,
73, 4), (154, 73, 7), (168, 73, 7), (185, 73, 6), (366, 73, 5), (387, 73, 3), (511, 73, 8), (660, 73, 8), (767, 73, 7), (896, 73, 6), (924, 73, 8), (956, 73, 3), (16, 74, 7), (117, 74, 3), (700, 74, 6), (730, 74, 3), (845, 74, 4), (928, 74, 3), (955, 74, 7), (119, 75, 5), (221, 75, 3), (309, 75, 4), (151, 75, 75)
4), (844, 76, 5), (912, 76, 5), (922, 76, 3), (92, 77, 3), (142, 77, 4), (229, 77, 8), (230, 77, 3), (346, 77, 8), (432, 77, 7), (472, 77, 5),
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78, 5), (172, 78, 8), (245, 78, 8), (288, 78, 6), (796, 78, 8), (889, 78, 6), (890, 78, 7), (28, 79, 4), (145, 79, 8), (149, 79, 6), (177, 79, 7),
80, 5), (292, 80, 7), (401, 80, 8), (407, 80, 7), (636, 80, 7), (678, 80,
8), (761, 80, 7), (763, 80, 5), (825, 80, 8), (917, 80, 3), (954, 80, 3),
8), (96, 87, 4), (191, 87, 6), (198, 87, 7), (219, 87, 7), (421, 87, 5),
(517, 87, 8), (601, 87, 4), (813, 87, 5), (820, 87, 5), (41, 88, 7), (109, 88, 5), (124, 88, 3), (351, 88, 4), (464, 88, 3), (729, 88, 7), (87, 89, 8), (480, 89, 3), (485, 89, 7), (665, 89, 3), (720, 89, 4), (946, 89, 3),
(951, 91, 6), (982, 91, 3), (102, 92, 6), (112, 92, 3), (139, 92, 4), (456, 92, 3), (594, 92, 4), (597, 92, 3), (812, 92, 3), (829, 92, 8), (218, 93, 5), (280, 93, 8), (294, 93, 6), (376, 93, 6), (413, 93, 5),
(907, 93, 8), (940, 93, 5), (371, 94, 6), (437, 94, 4), (562, 94, 6),
(702, 94, 4), (869, 94, 8), (919, 94, 6), (921, 94, 4), (999, 94, 4),
(737, 97, 5), (799, 97, 6), (860, 97, 7), (892, 97, 7), (352, 98, 4),
   Queue #6: FREE
   Queue #7: FREE
   Queue #8: FREE
   Queue #10: FREE
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Queue #20: FREE
 4), (326, 10, 4), (424, 10, 6), (576, 10, 3), (762, 10, 6), (784, 10, (823, 10, 8), (883, 10, 5), (966, 10, 3), (983, 10, 4), (126, 11, 6), (174, 11, 5), (178, 11, 5), (200, 11, 6), (322, 11, 7), (419, 11, 6),
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   Queue #11: FREE
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24
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Arrival time interval: [10, 100]
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     Queue #13: FREE
     Queue #14: FREE
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24
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   Queue #16: FREE
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    Number of clients: 1000
   Arrival time interval: [10, 100]
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 Queue #4: FREE
 Queue #11: FREE
 Oueue #15: FREE
 Queue #18: FREE
 Arrival time interval: [10, 100]
 Service time interval: [3, 9]
 Time: 9
 Clients that haven't arrived yet: (146, 10, 3), (272, 10, 6), (291, 10,
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  Queue #14: FREE
  Number of clients: 1000
  Time: 10
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   Queue #6: (832, 11, 8)
Queue #7: (762, 10, 3)(622, 12, 5)
Queue #8: (784, 10, 4)(166, 13, 4)
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Queue #19: (441, 11, 3)(90, 13, 3)
      Arrival time interval: [10, 100]
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 (745, 98, 7), (766, 98, 4), (312, 99, 3), (493, 99, 7), (495, 99, 5),
 (586, 99, 7), (751, 99, 6), (847, 99, 3)
   Queue #8: (784, 10, 2) (166, 13, 4) (609, 14, 4)
Queue #9: (823, 10, 3) (680, 13, 6) (140, 15, 5)
Queue #10: (31, 12, 8) (122, 15, 3)
    Maximum simulation time: 200
    Arrival time interval: [10, 100]
    Time: 16
(181, 18, 7), (253, 18, 6), (273, 18, 4), (315, 18, 3), (340, 18, 6), (344, 18, 7), (389, 18, 3), (434, 18, 7), (753, 18, 3), (927, 18, 7), (963, 18, 4), (972, 18, 3), (135, 19, 4), (138, 19, 6), (216, 19, 4), (269, 19, 6), (381, 19, 4), (539, 19, 7), (675, 19, 6), (692, 19, 4), (773, 18, 19, 6), (774, 19, 4), (775, 19, 6), (692, 19, 4),
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22, 7), (293, 22, 5), (325, 22, 6), (460, 22, 3), (501, 22, 7), (521, 22, 6), (579, 22, 5), (630, 22, 3), (724, 22, 5), (850, 22, 4), (30, 23, 8), (39, 23, 8), (53, 23, 4), (59, 23, 4), (180, 23, 6), (224, 23, 6), (297,
26, 3), (428, 26, 3), (440, 26, 4), (488, 26, 8), (641, 26, 6), (708, 26,
(416, 27, 5), (479, 27, 5), (490, 27, 7), (596, 27, 8), (669, 27, 3), (817, 27, 5), (884, 27, 6), (7, 28, 5), (69, 28, 6), (148, 28, 8), (212, 28, 7), (231, 28, 6), (244, 28, 3), (278, 28, 7), (404, 28, 7), (433, 28,
4), (522, 38, 3), (650, 38, 5), (674, 38, 7), (746, 38, 4), (853, 38, 5), (974, 38, 8), (83, 39, 4), (267, 39, 5), (286, 39, 4), (350, 39, 8), (358, 39, 3), (527, 39, 5), (572, 39, 3), (679, 39, 6), (690, 39, 5), (891, 39, 7), (913, 39, 7), (914, 39, 7), (207, 40, 3), (303, 40, 7), (486, 40, 8),
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(472, 77, 3), (474, 77, 8), (763, 77, 4), (883, 77, 3), (902, 77, 8), (378, 4), (129, 78, 5), (172, 78, 8), (245, 78, 8), (288, 78, 6), (796, 78, 8), (889, 78, 6), (890, 78, 7), (28, 79, 4), (145, 79, 8), (149, 79, 6), (177, 79, 7), (192, 79, 5), (202, 79, 6), (239, 79, 5), (336, 79, 8), (446, 79, 6), (450, 79, 7), (645, 79, 7), (664, 79, 6), (793, 79, 8), (805, 79, 3), (854, 79, 8), (861, 79, 5), (873, 79, 8), (971, 79, 7), (3
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 (921, 94, 4), (999, 94, 4), (384, 95, 8), (425, 95, 5), (470, 95, 4),
(798, 95, 7), (862, 95, 3), (249, 96, 3), (285, 96, 8), (362, 96, 8), (367, 96, 7), (491, 96, 8), (617, 96, 5), (631, 96, 4), (633, 96, 8), (672, 96, 3), (698, 96, 5), (713, 96, 8), (780, 96, 4), (815, 96, 3),
(651, 97, 7), (688, 97, 7), (737, 97, 5), (799, 97, 6), (860, 97, 7), (892, 97, 7), (352, 98, 4), (510, 98, 6), (598, 98, 3), (683, 98, 7), (745, 98, 7), (766, 98, 4), (312, 99, 3), (493, 99, 7), (495, 99, 5), (586, 99, 7), (751, 99, 6), (847, 99, 3)
                             (9, 12, 5)(159, 14, 3)
                                                                                 (128, 15, 3)
     Queue #4:
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Queue #14: (646, 12, 3)(85, 14, 6)(203, 16, 7)
  Time: 17
(237, 20, 5), (429, 20, 3), (442, 20, 7), (506, 20, 8), (603, 20, 6),
4), (488, 26, 8), (641, 26, 6), (708, 26, 8), (788, 26, 5), (911, 26, (188, 27, 5), (217, 27, 3), (392, 27, 5), (416, 27, 5), (479, 27, 5), (490, 27, 7), (596, 27, 8), (669, 27, 3), (817, 27, 5), (884, 27, 6),
3), (278, 28, 7), (404, 28, 7), (433, 28, 6), (454, 28, 3), (497, 28, 4),
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(909, 29, 6), (938, 29, 6), (948, 29, 5), (55, 30, 7), (179, 30, 7), (435, 30, 8), (458, 30, 7), (482, 30, 5), (494, 30, 4), (642, 30, 5), (904, 30, 5), (952, 30, 8), (987, 30, 8), (226, 31, 3), (250, 31, 8), (334, 31, 5),
  38, 7), (169, 38, 8), (356, 38, 8), (439, 38, 4), (522, 38, 3), (650, 38,
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(702, 94, 4), (869, 94, 8), (919, 94, 6), (921, 94, 4), (999, 94, 4),
  Queue #5: (529, 12, 3)(144, 14, 5)(969, 15, 4)(377, 17, 4)
Queue #6: (832, 11, 4)(162, 14, 6)(811, 16, 4)(670, 17, 7)
  Queue #8: (166, 13, 4) (609, 14, 4) (1, 16, 5) (575, 17, 3)
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Arrival time interval: [10, 100]
            Service time interval: [3, 9]
            Time: 18
           Clients that haven't arrived yet: (135, 19, 4), (138, 19, 6), (216, 19,
  (503, 21, 8), (614, 21, 3), (638, 21, 6), (703, 21, 3), (709, 21, 8),
  (791, 24, 6), (875, 24, 3), (906, 24, 4), (915, 24, 4), (953, 24, 4),
(817, 27, 5), (884, 27, 6), (7, 28, 5), (69, 28, 6), (148, 28, 8), (212, 28, 7), (231, 28, 6), (244, 28, 3), (278, 28, 7), (404, 28, 7), (433, 28, 6), (454, 28, 3), (497, 28, 4), (537, 28, 6), (694, 28, 3), (747, 28, 8),
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  Queue #5: (144, 14, 4) (969, 15, 4) (377, 17, 4) (315, 18, 3) (135, 19,
4) (442, 20, 7)
  Queue #6: (162, 14, 6)(811, 16, 4)(670, 17, 7)(692, 19, 4)(920, 20,
3) (810, 21, 7)
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8) (724, 22, 5)
  Queue #11: (749, 13, 3)(60, 16, 6)(773, 17, 7)(776, 19, 7)(895, 21,
  Queue #19: (141, 14, 2)(802, 15, 6)(615, 17, 3)(389, 18, 3)(216, 19,
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8) (962, 21, 3) (630, 22, 3) (297, 23, 4)
5) (151, 22, 4) (59, 23, 4)
7) (614, 21, 3) (255, 22, 7)
6) (39, 23, 8)
8) (180, 23, 6)
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   Queue #1: (942, 13, 2)(274, 16, 4)(469, 17, 3)(273, 18, 4)(269, 19,
  Queue #4: (128, 15, 3) (735, 16, 8) (963, 18, 4) (961, 19, 8) (11, 22,
3) (850, 22, 4) (310, 24, 6)
   Queue #5: (144, 14, 1)(969, 15, 4)(377, 17, 4)(315, 18, 3)(135, 19,
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6) (39, 23, 8)
     Arrival time interval: [10, 100]
     Time: 25
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Queue #8: (1, 16, 5) (575, 17, 3) (340, 18, 6) (164, 20, 4) (461, 21, 4) (73,
22, 6) (5, 24, 4) (875, 24, 3) (448, 25, 6)
3) (255, 22, 7) (553, 24, 7) (740, 25, 4)
8) (190, 25, 4)
8) (180, 23, 6) (915, 24, 4) (937, 25, 3)
6) (668, 23, 6) (260, 25, 3)
   Number of clients: 1000
   Service time interval: [3, 9]
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    Queue #7: (398, 14, 1)(837, 16, 3)(516, 17, 5)(972, 18, 3)(707, 19,
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6) (368, 25, 4) (911, 26, 7) (747, 28, 8)
Queue #13: (327, 15, 3) (783, 17, 5) (138, 19, 6) (968, 20, 5) (151, 22, 4) (59, 23, 4) (656, 24, 7) (641, 26, 6) (278, 28, 7)
Queue #14: (203, 16, 4) (872, 17, 7) (234, 20, 8) (236, 22, 6) (193, 24,
6) (390, 25, 4) (188, 27, 5) (404, 28, 7)
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  Maximum simulation time: 200
  Number of clients: 1000
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Queue #6: (811, 16, 1)(670, 17, 7)(692, 19, 4)(920, 20, 3)(810, 21,
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Queue #17: (373, 17, 4) (753, 18, 3) (675, 19, 6) (503, 21, 8) (180, 23, 6) (915, 24, 4) (937, 25, 3) (217, 27, 3) (69, 28, 6) (524, 29, 7) Queue #18: (452, 17, 2) (181, 18, 7) (429, 20, 3) (107, 21, 5) (293, 22,
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   Time: 32
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8) (481, 25, 7) (148, 28, 8) (938, 29, 6) (738, 31, 5) (222, 33, 5)
   Time: 34
(846, 37, 4), (116, 37, 6), (134, 37, 6), (152, 37, 4), (362, 37, 7), (551, 37, 6), (571, 37, 5), (589, 37, 4), (653, 37, 8), (840, 37, 4), (846, 37, 4), (877, 37, 8), (13, 38, 8), (40, 38, 8), (46, 38, 6), (63, 38, 7), (169, 38, 8), (356, 38, 8), (439, 38, 4), (522, 38, 3), (650, 38, 5), (674, 38, 7), (746, 38, 4), (853, 38, 5), (974, 38, 8), (83, 39, 4),
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                                                                          5), (280, 93, 8), (294, 93, 6), (376, 93, 6), (413, 93, 5),
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    (510, 98, 6), (598, 98, 3), (683, 98, 7), (745, 98, 7), (766, 98, 4),
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5) (304, 25, 8) (7, 28, 5) (121, 29, 4) (55, 30, 7) (248, 32, 5) (559, 33, 8)
8) (295, 33, 7)
4) (310, 24, 6) (415, 25, 8) (212, 28, 7) (626, 29, 5) (250, 31, 8) (14, 34, 8)
6) (993, 24, 4) (440, 26, 4) (669, 27, 3) (454, 28, 3) (206, 29, 3) (807, 29,
6) (608, 31, 5) (990, 32, 5) (256, 34, 7)
24, 3)(448, 25, 6)(817, 27, 5)(923, 28, 5)(435, 30, 8)(545, 32, 7)(423,
34, 3)
3) (57, 34, 5) (947, 34, 7)
6) (534, 34, 6)
 Queue #14: (872, 17, 5)(234, 20, 8)(236, 22, 6)(193, 24, 6)(390, 25,
4) (188, 27, 5) (404, 28, 7) (909, 29, 6) (716, 31, 8) (82, 34, 4)
3) (61, 34, 5)
4) (708, 26, 8) (852, 28, 8) (904, 30, 5) (388, 32, 8) (607, 34, 5)
4) (937, 25, 3) (217, 27, 3) (69, 28, 6) (524, 29, 7) (343, 31, 3) (476, 32,
8) (481, 25, 7) (148, 28, 8) (938, 29, 6) (738, 31, 5) (222, 33, 5) (723, 34, 3)
6) (223, 33, 5) (758, 34, 5)
  Number of clients: 1000
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Service time interval: [3, 9]
     Time: 35
     Clients that haven't arrived yet: (161, 36, 4), (196, 36, 5), (323, 36,
(134, 37, 6), (152, 37, 4), (302, 37, 7), (551, 37, 6), (571, 37, 5), (589, 37, 4), (653, 37, 8), (840, 37, 4), (846, 37, 4), (877, 37, 8), (13, 38, 8), (40, 38, 8), (46, 38, 6), (63, 38, 7), (169, 38, 8), (356, 38, 8), (439, 38, 4), (522, 38, 3), (650, 38, 5), (674, 38, 7), (746, 38, 4),
(781, 53, 5), (965, 53, 4), (44, 54, 7), (50, 54, 4), (176, 54, 8), (276, 54, 6), (331, 54, 3), (447, 54, 8), (487, 54, 4), (565, 54, 5), (604, 54, 4), (619, 54, 6), (666, 54, 7), (739, 54, 5), (803, 54, 4), (12, 55, 4),
(719, 58, 6), (4, 59, 3), (287, 59, 4), (320, 59, 7), (443, 59, 5), (696, 59, 5), (711, 59, 4), (795, 59, 4), (33, 60, 4), (153, 60, 6), (194, 60, 3), (257, 60, 5), (318, 60, 3), (375, 60, 3), (623, 60, 6), (637, 60, 3),
                                                                                                         (210, 63,
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(930, 66, 8), (934, 66, 4), (15, 67, 6), (42, 67, 7), (51, 67, 7), (76, 67, 7), (279, 67, 4), (364, 67, 4), (518, 67, 7), (549, 67, 6), (557, 67, 3), (691, 67, 8), (699, 67, 8), (789, 67, 5), (870, 67, 8), (21, 68, 6),
(718, 75, 8), (824, 75, 3), (831, 75, 3), (89, 76, 8), (209, 76, 7), (436, 76, 4), (612, 76, 5), (635, 76, 8), (743, 76, 8), (754, 76, 5), (804, 76, 8), (816, 76, 4), (844, 76, 5), (912, 76, 5), (922, 76, 3), (92, 77, 3), (142, 77, 4), (229, 77, 8), (230, 77, 3), (346, 77, 8), (432, 77, 7),
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(790, 93, 8), (900, 93, 6), (907, 93, 8), (940, 93, 5), (371, 94, 6), (437, 94, 4), (562, 94, 6), (702, 94, 4), (869, 94, 8), (919, 94, 6), (921, 94, 4), (999, 94, 4), (384, 95, 8), (425, 95, 5), (470, 95, 4), (526, 95, 6), (570, 95, 4), (658, 95, 6), (734, 95, 3), (775, 95, 7),
(958, 96, 4), (49, 97, 7), (68, 97, 4), (91, 97, 8), (100, 97, 4), (241, 97, 5), (262, 97, 6), (265, 97, 8), (282, 97, 8), (314, 97, 6), (391, 97, 6), (408, 97, 8), (466, 97, 3), (475, 97, 6), (513, 97, 6), (610, 97, 7), (651, 97, 7), (688, 97, 7), (737, 97, 5), (799, 97, 6), (860, 97, 7),
Queue #1: (273, 18, 2)(269, 19, 6)(147, 21, 5)(325, 22, 6)(213, 24, 5)(304, 25, 8)(7, 28, 5)(121, 29, 4)(55, 30, 7)(248, 32, 5)(559, 33, 8)
Queue #2: (828, 17, 4)(916, 19, 6)(703, 21, 3)(460, 22, 3)(53, 23,
6) (547, 35, <u>6</u>)
4) (361, 33, 5) (839, 34, 5)
6) (993, 24, 4) (440, 26, 4) (669, 27, 3) (454, 28, 3) (206, 29, 3) (807, 29, 6) (608, 31, 5) (990, 32, 5) (256, 34, 7)
4) (791, 24, 6) (488, 26, 8) (694, 28, 3) (520, 29, 4) (458, 30, 7) (489, 32,
4) (48, 33, 6) (859, 34, 8)
    Queue #12: (344, 18, 5)(506, 20, 8)(579, 22, 5)(19, 24, 6)(368, 25,
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6) (534, 34, 6)
4) (708, 26, 8) (852, 28, 8) (904, 30, 5) (388, 32, 8) (607, 34, 5)
Queue #17: (753, 18, 2)(675, 19, 6)(503, 21, 8)(180, 23, 6)(915, 24, 4)(937, 25, 3)(217, 27, 3)(69, 28, 6)(524, 29, 7)(343, 31, 3)(476, 32,
    Maximum simulation time: 200
    Arrival time interval: [10, 100]
3), (650, 38, 5), (674, 38, 7), (746, 38, 4), (853, 38, 5), (974, 38, 8),
(981, 42, 6), (10, 43, 3), (120, 43, 5), (204, 43, 8), (316, 43, 5), (337, 43, 5), (386, 43, 6), (499, 43, 3), (530, 43, 6), (599, 43, 4), (686, 43, 8), (899, 43, 7), (986, 43, 5), (3, 44, 7), (62, 44, 7), (163, 44, 3),
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88, 5), (124, 88, 3), (351, 88, 4), (464, 88, 3), (729, 88, 7), (87, 89,
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(384, 95, 8), (425, 95, 5), (470, 95, 4), (526, 95, 6), (570, 95, 4),
7) (581, 35, 3) (809, 36, 5)
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6) (608, 31, 5) (990, 32, 5) (256, 34, 7)
 Queue #7: (972, 18, 2)(707, 19, 8)(962, 21, 3)(630, 22, 3)(297, 23,
4) (791, 24, 6) (488, 26, 8) (694, 28, 3) (520, 29, 4) (458, 30, 7) (489, 32,
5) (467, 33, 7) (910, 35, 3)
 Queue #12: (344, 18, 4)(506, 20, 8)(579, 22, 5)(19, 24, 6)(368, 25,
4) (911, 26, 7) (747, 28, 8) (642, 30, 5) (329, 32, 7) (99, 34, 3) (964, 34, 8)
4) (188, 27, 5) (404, 28, 7) (909, 29, 6) (716, 31, 8) (82, 34, 4) (385, 35,
3) (323, 36, 8)
3) (47, 26, 4) (490, 27, 7) (406, 29, 3) (948, 29, 5) (438, 31, 6) (223, 33,
  Number of clients: 1000
  Time: 37
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(360, 49, 6), (363, 49, 7), (473, 49, 4), (552, 49, 6), (647, 49, 8), (797, 49, 7), (874, 49, 6), (970, 49, 3), (996, 49, 6), (72, 50, 5), (136, 50, 5), (283, 50, 5), (483, 50, 5), (484, 50, 3), (492, 50, 8), (584, 50, 5)
(111, 56, 3), (566, 56, 8), (621, 56, 6), (628, 56, 6), (689, 56, 3), (741, 56, 6), (764, 56, 8), (108, 57, 8), (173, 57, 7), (822, 57, 3), (834, 57, 3), (879, 57, 8), (133, 58, 8), (277, 58, 5), (719, 58, 6), (4, 59, 3), (287, 59, 4), (320, 59, 7), (443, 59, 5), (696, 59, 5), (711, 59,
(755, 64, 6), (341, 65, 7), (342, 65, 6), (412, 65, 7), (508, 65, 5), (546, 65, 4), (588, 65, 3), (777, 65, 3), (848, 65, 8), (66, 66, 4), (137, 66, 5), (195, 66, 5), (394, 66, 8), (449, 66, 7), (590, 66, 3), (681, 66, 5), (785, 66, 5), (800, 66, 8), (855, 66, 6), (918, 66, 6), (930, 66, 8),
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6), (827, 71, 4), (893, 71, 5), (903, 71, 3), (908, 71, 4), (989, 71, 3), (197, 72, 8), (266, 72, 8), (307, 72, 3), (365, 72, 3), (444, 72, 8), (533, 72, 4), (639, 72, 3), (654, 72, 6), (659, 72, 5), (671, 72, 8), (772, 72, 5), (835, 72, 7), (858, 72, 7), (56, 73, 5), (64, 73, 7), (105, 73, 7), (154, 73, 7), (105, 73, 7)
6), (451, 75, 8), (468, 75, 6), (540, 75, 4), (573, 75, 8), (718, 75, 8), (824, 75, 3), (831, 75, 3), (89, 76, 8), (209, 76, 7), (436, 76, 4), (612, 76, 5), (635, 76, 8), (743, 76, 8), (754, 76, 5), (804, 76, 8), (816, 76,
(474, 77, 8), (765, 77, 4), (885, 77, 5), (902, 77, 8), (38, 78, 4), (129, 78, 5), (172, 78, 8), (245, 78, 8), (288, 78, 6), (796, 78, 8), (889, 78, 6), (890, 78, 7), (28, 79, 4), (145, 79, 8), (149, 79, 6), (177, 79, 7), (192, 79, 5), (202, 79, 6), (239, 79, 5), (336, 79, 8), (446, 79, 6), (475, 70, 70)
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8), (282, 97, 8), (314, 97, 6), (391, 97, 6), (408, 97, 8), (466, 97, 3), (475, 97, 6), (513, 97, 6), (610, 97, 7), (651, 97, 7), (688, 97, 7),
6) (547, 35, 6) (840, 37, 4)
6) (415, 25, 8) (212, 28, 7) (626, 29, 5) (250, 31, 8) (14, 34, 8) (196, 36, 5)
4) (428, 26, 3) (416, 27, 5) (537, 28, 6) (179, 30, 7) (328, 32, 4) (361, 33, 5) (839, 34, 5) (868, 36, 4)
6) (608, 31, 5) (990, 32, 5) (256, 34, 7) (302, 37, 7)
34, 3) (704, 35, 6) (846, 37, 4)
6) (859, 34, 8) (877, 37, 8)
3) (57, 34, 5) (947, 34, 7)
6) (134, 37, 6)
5) (538, 35, 7)
  Queue #16: (131, 18, 2)(237, 20, 5)(638, 21, 6)(39, 23, 8)(190, 25,
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4), (350, 39, 8), (358, 39, 3), (527, 39, 5), (572, 39, 3), (679, 39, 6), (690, 39, 5), (891, 39, 7), (913, 39, 7), (914, 39, 7), (207, 40, 3), (303, 40, 7), (486, 40, 8), (525, 40, 8), (555, 40, 7), (898, 40, 5),
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(991, 48, 7), (86, 49, 5), (311, 49, 4), (360, 49, 6), (363, 49, 7), (473, 49, 4), (552, 49, 6), (647, 49, 8), (797, 49, 7), (874, 49, 6), (970, 49,
55, 4), (593, 55, 5), (748, 55, 8), (111, 56, 3), (566, 56, 8), (621, 56, 6), (628, 56, 6), (689, 56, 3), (741, 56, 6), (764, 56, 8), (108, 57, 8),
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(277, 58, 5), (719, 58, 6), (4, 59, 3), (287, 59, 4), (320, 59, 7), (443, 59, 5), (696, 59, 5), (711, 59, 4), (795, 59, 4), (33, 60, 4), (153, 60, 6), (194, 60, 3), (257, 60, 5), (318, 60, 3), (375, 60, 3), (623, 60, 6),
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6) (547, 35, 6) (840, 37, 4)
        Queue #8: (340, 18, 1)(164, 20, 4)(461, 21, 4)(73, 22, 6)(5, 24, 4)(875,
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6) (859, 34, 8) (877, 37, 8)
4) (684, 25, 7) (244, 28, 3) (27, 29, 7) (494, 30, 4) (941, 31, 5) (467, 33,
4) (911, 26, 7) (747, 28, 8) (642, 30, 5) (329, 32, 7) (99, 34, 3) (964, 34,
6) (134, 37, 6) (650, 38, 5)
4) (717, 34, 8) (589, 37, 4) (746, 38, 4)
8) (481, 25, 7) (148, 28, 8) (938, 29, 6) (738, 31, 5) (222, 33, 5) (723, 34,
3) (980, 35, 4) (571, 37, 5) (853, 38, 5)
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     Queue #2:
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7) (581, 35, 3) (809, 36, 5) (439, 38, 4) (527, 39, 5)
  Queue #4: (961, 19, 8)(11, 22, 3)(850, 22, 4)(310, 24, 6)(415, 25,
8) (212, 28, 7) (626, 29, 5) (250, 31, 8) (14, 34, 8) (196, 36, 5) (46, 38,
5) (839, 34, 5) (868, 36, 4) (63, 38, 7) (914, 39, 7)
6) (488, 26, 8) (694, 28, 3) (520, 29, 4) (458, 30, 7) (489, 32, 7) (261, 34, 7) (551, 37, 6) (267, 39, 5)
35, 6) (846, 37, 4) (286, 39, 4)
6) (859, 34, 8) (877, 37, 8)
3) (57, 34, 5) (947, 34, 7) (13, 38, 8)
  Queue #11: (776, 19, 6)(895, 21, 3)(521, 22, 6)(395, 24, 3)(906, 24,
8) (169, 38, 8)
6) (134, 37, 6) (650, 38, 5)
 Queue #14: (234, 20, 8)(236, 22, 6)(193, 24, 6)(390, 25, 4)(188, 27,
5) (538, 35, 7) (40, 38, 8)
8) (852, 28, 8) (904, 30, 5) (388, 32, 8) (607, 34, 5) (629, 36, 7) (674, 38,
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7) (148, 28, 8) (938, 29, 6) (738, 31, 5) (222, 33, 5) (723, 34, 3) (980, 35,
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Time: 40
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6) (679, 39, 6)
35, 6) (846, 37, 4) (286, 39, 4) (303, 40, 7)
6) (859, 34, 8) (877, 37, 8) (486, 40, 8)
Queue #12: (506, 20, 8)(579, 22, 5)(19, 24, 6)(368, 25, 4)(911, 26, 7)(747, 28, 8)(642, 30, 5)(329, 32, 7)(99, 34, 3)(964, 34, 8)(169, 38, 8)
6) (134, 37, 6) (650, 38, 5) (555, 40, 7)
   Queue #14: (234, 20, 7) (236, 22, 6) (193, 24, 6) (390, 25, 4) (188, 27,
8) (350, 39, 8)
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4) (479, 27, 5) (750, 28, 7) (482, 30, 5) (18, 32, 3) (929, 32, 3) (61, 34,
8) (852, 28, 8) (904, 30, 5) (388, 32, 8) (607, 34, 5) (629, 36, 7) (674, 38, 7)
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6) (679, 39, 6) (933, 41, 3)
5) (868, 36, 4) (63, 38, 7) (914, 39, 7)
   Queue #8: (164, 20, 2)(461, 21, 4)(73, 22, 6)(5, 24, 4)(875, 24, 3)(448,
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8) (877, 37, 8) (486, 40, 8)
5) (947, 34, 7) (13, 38, 8) (525, 40, 8)
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8) (357, 41, 6)
6) (134, 37, 6) (650, 38, 5) (555, 40, 7)
8) (350, 39, 8) (779, 41, 5)
 Queue #15: (539, 19, 3)(614, 21, 3)(255, 22, 7)(553, 24, 7)(740, 25,
5) (538, 35, 7) (40, 38, 8) (898, 40, 5)
8) (852, 28, 8) (904, 30, 5) (388, 32, 8) (607, 34, 5) (629, 36, 7) (674, 38,
4) (717, 34, 8) (589, 37, 4) (746, 38, 4) (690, 39, 5) (801, 41, 8)
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 Time: 42
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8) (212, 28, 7) (626, 29, 5) (250, 31, 8) (14, 34, 8) (196, 36, 5) (46, 38,
5) (868, 36, 4) (63, 38, 7) (914, 39, 7) (509, 42, 3)
5) (256, 34, 7) (302, 37, 7) (358, 39, 3) (207, 40, 3) (648, 41, 4) (554, 42, 6) Queue #7: (707, 19, 4) (962, 21, 3) (630, 22, 3) (297, 23, 4) (791, 24,
35, 6) (846, 37, 4) (286, 39, 4) (303, 40, 7) (625, 42, 3)
8) (877, 37, 8) (486, 40, 8)
Queue #11: (776, 19, 3)(895, 21, 3)(521, 22, 6)(395, 24, 3)(906, 24, 4)(684, 25, 7)(244, 28, 3)(27, 29, 7)(494, 30, 4)(941, 31, 5)(467, 33, 7)(910, 35, 3)(116, 37, 6)(522, 38, 3)(572, 39, 3)(271, 41, 8)
7) (747, 28, 8) (642, 30, 5) (329, 32, 7) (99, 34, 3) (964, 34, 8) (169, 38,
8) (357, 41, 6) (768, 42, 7)
6) (650, 38, 5) (555, 40, 7) (981, 42, 6)
Queue #14: (234, 20, 5) (236, 22, 6) (193, 24, 6) (390, 25, 4) (188, 27,
8) (350, 39, 8) (779, 41, 5)
  Queue #15: (539, 19, 2)(614, 21, 3)(255, 22, 7)(553, 24, 7)(740, 25,
4) (479, 27, 5) (750, 28, 7) (482, 30, 5) (18, 32, 3) (929, 32, 3) (61, 34,
7) (465, 41, 4) (110, 42, 3)
5) (697, 36, 7) (974, 38, 8) (736, 41, 7)
4) (596, 27, 8) (535, 29, 5) (952, 30, 8) (281, 33, 4) (125, 34, 7) (152, 37, 4) (356, 38, 8) (420, 41, 5) (158, 42, 5)
  Maximum simulation time: 200
  Number of clients: 1000
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Service time interval: [3, 9]
            Time: 43
            Clients that haven't arrived yet: (3, 44, 7), (62, 44, 7), (163, 44, 3),
(301, 45, 6), (347, 45, 7), (355, 45, 3), (370, 45, 8), (514, 45, 5), (523, 45, 4), (543, 45, 3), (560, 45, 5), (602, 45, 7), (661, 45, 8), (676, 45, 6), (967, 45, 7), (985, 45, 4), (78, 46, 6), (305, 46, 7), (411, 46, 4), (595, 46, 7), (732, 46, 6), (786, 46, 8), (806, 46, 7), (842, 46, 4), (686, 46, 7), (842, 46, 4), (686, 46, 7), (842, 46, 4), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (886, 46, 7), (88
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Queue #1: (147, 21, 5)(325, 22, 6)(213, 24, 5)(304, 25, 8)(7, 28,
3) (392, 27, 5) (497, 28, 4) (561, 29, 5) (987, 30, 8) (295, 33, 7) (581, 35, 3) (809, 36, 5) (439, 38, 4) (527, 39, 5) (643, 41, 4) (369, 42, 8)
8) (212, 28, 7) (626, 29, 5) (250, 31, 8) (14, 34, 8) (196, 36, 5) (46, 38, 6) (679, 39, 6) (933, 41, 3) (10, 43, 3) (986, 43, 5)
5) (868, 36, 4) (63, 38, 7) (914, 39, 7) (509, 42, 3) (499, 43, 3)
37, 4) (286, 39, 4) (303, 40, 7) (625, 42, 3) (530, 43, 6)
Queue #11: (776, 19, 2)(895, 21, 3)(521, 22, 6)(395, 24, 3)(906, 24, 4)(684, 25, 7)(244, 28, 3)(27, 29, 7)(494, 30, 4)(941, 31, 5)(467, 33,
7) (747, 28, 8) (642, 30, 5) (329, 32, 7) (99, 34, 3) (964, 34, 8) (169, 38,
8) (357, 41, 6) (768, 42, 7)
6) (650, 38, 5) (555, 40, 7) (981, 42, 6)
8) (350, 39, 8) (779, 41, 5) (337, 43, 5)
  Queue #17: (503, 21, 8)(180, 23, 6)(915, 24, 4)(937, 25, 3)(217, 27,
3) (69, 28, 6) (524, 29, 7) (343, 31, 3) (476, 32, 4) (507, 33, 4) (717, 34,
  Queue #18: (107, 21, 4)(293, 22, 5)(298, 23, 8)(481, 25, 7)(148, 28,
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(289, 84, 4), (372, 84, 8), (380, 84, 3), (462, 84, 4), (606, 84, 6),
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6) (840, 37, 4) (83, 39, 4) (913, 39, 7) (330, 42, 5) (62, 44, 7)

Queue #3: (888, 20, 1) (709, 21, 8) (836, 23, 5) (953, 24, 4) (427, 26,
3) (392, 27, 5) (497, 28, 4) (561, 29, 5) (987, 30, 8) (295, 33, 7) (581, 35, 3) (809, 36, 5) (439, 38, 4) (527, 39, 5) (643, 41, 4) (369, 42, 8)
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6) (263, 44, 8)
6) (488, 26, 8) (694, 28, 3) (520, 29, 4) (458, 30, 7) (489, 32, 7) (261, 34, 7) (551, 37, 6) (267, 39, 5) (254, 41, 5) (97, 42, 7) (393, 44, 5)
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Queue #15: (614, 21, 3) (255, 22, 7) (553, 24, 7) (740, 25, 4) (479, 27,
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Queue #4: (961, 19, 2)(11, 22, 3)(850, 22, 4)(310, 24, 6)(415, 25, 8)(212, 28, 7)(626, 29, 5)(250, 31, 8)(14, 34, 8)(196, 36, 5)(46, 38,
6) (679, 39, 6) (933, 41, 3) (10, 43, 3) (986, 43, 5) (370, 45, 8)
3) (454, 28, 3) (206, 29, 3) (807, 29, 6) (608, 31, 5) (990, 32, 5) (256, 34, 7) (302, 37, 7) (358, 39, 3) (207, 40, 3) (648, 41, 4) (554, 42, 6) (263, 44, 8)
27, 5) (923, 28, 5) (435, 30, 8) (545, 32, 7) (423, 34, 3) (704, 35, 6) (846, 37, 4) (286, 39, 4) (303, 40, 7) (625, 42, 3) (530, 43, 6) (514, 45, 5)
5) (884, 27, 6) (317, 29, 3) (841, 29, 7) (771, 31, 4) (48, 33, 6) (859, 34,
5) (231, 28, 6) (563, 29, 5) (226, 31, 3) (774, 31, 3) (685, 32, 3) (57, 34,
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7) (747, 28, 8) (642, 30, 5) (329, 32, 7) (99, 34, 3) (964, 34, 8) (169, 38,
8) (357, 41, 6) (768, 42, 7) (833, 44, 8)
6) (278, 28, 7) (881, 29, 5) (334, 31, 5) (925, 32, 6) (534, 34, 6) (134, 37, 6) (650, 38, 5) (555, 40, 7) (981, 42, 6) (477, 44, 3) (543, 45, 3)
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8) (589, 37, 4) (746, 38, 4) (690, 39, 5) (801, 41, 8) (183, 44, 5) (661, 45,
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Queue #2: (460, 22, 3) (53, 23, 4) (592, 24, 7) (348, 26, 7) (433, 28,
    Queue #3: (709, 21, 5)(836, 23, 5)(953, 24, 4)(427, 26, 3)(392, 27,
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6) (933, 41, 3) (10, 43, 3) (986, 43, 5) (370, 45, 8) (568, 47, 8)
4) (63, 38, 7) (914, 39, 7) (509, 42, 3) (499, 43, 3) (238, 44, 5) (967, 45,
3) (454, 28, 3) (206, 29, 3) (807, 29, 6) (608, 31, 5) (990, 32, 5) (256, 34, 7) (302, 37, 7) (358, 39, 3) (207, 40, 3) (648, 41, 4) (554, 42, 6) (263, 44,
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6) (317, 29, 3) (841, 29, 7) (771, 31, 4) (48, 33, 6) (859, 34, 8) (877, 37,
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7) (991, 48, 7)
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8) (898, 40, 5) (17, 42, 7) (163, 44, 3) (347, 45, 7) (214, 47, 7)
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8) (744, 48, 5)
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8)
3) (27, 29, 7) (494, 30, 4) (941, 31, 5) (467, 33, 7) (910, 35, 3) (116, 37,
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8)
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  Queue #3: (709, 21, 2)(836, 23, 5)(953, 24, 4)(427, 26, 3)(392, 27,
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6) (483, 50, 5)
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Queue #14: (236, 22, 2)(193, 24, 6)(390, 25, 4)(188, 27, 5)(404, 28, 7)(909, 29, 6)(716, 31, 8)(82, 34, 4)(385, 35, 3)(323, 36, 8)(350, 39,
6) (536, 51, 6)
4) (746, 38, 4) (690, 39, 5) (801, 41, 8) (183, 44, 5) (661, 45, 8) (744, 48,
5) (240, 41, 5) (74, 42, 5) (599, 43, 4) (247, 45, 4) (305, 46, 7) (752, 48,
4) (552, 49, 6)
7) (406, 29, 3) (948, 29, 5) (438, 31, 6) (223, 33, 5) (758, 34, 5) (697, 36, 7) (974, 38, 8) (736, 41, 7) (686, 43, 8) (411, 46, 4) (258, 47, 7) (647, 49, 8)
   Time: 52
6), (666, 54, 7), (739, 54, 5), (803, 54, 4), (12, 55, 4), (103, 55, 3), (211, 55, 7), (338, 55, 4), (541, 55, 4), (593, 55, 5), (748, 55, 8), (111, 56, 3), (566, 56, 8), (621, 56, 6), (628, 56, 6), (689, 56, 3),
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65, 6), (341, 65, 7), (342, 65, 6), (412, 65, 7), (508, 65, 5), (546, 65,
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8), (699, 67, 8), (789, 67, 5), (870, 67, 8), (21, 68, 6), (95, 68, 3), (104, 68, 3), (215, 68, 3), (227, 68, 8), (308, 68, 4), (333, 68, 8), (339, 68, 3), (354, 68, 5), (417, 68, 8), (742, 68, 6), (756, 68, 6), (269, 4), (80, 69, 8), (187, 69, 8), (400, 69, 6), (410, 69, 4), (431, 69, 4), (500, 60, 60), (500, 60), (500, 60)
4), (844, 76, 5), (912, 76, 5), (922, 76, 3), (92, 77, 3), (142, 77, 4), (229, 77, 8), (230, 77, 3), (346, 77, 8), (474, 77, 8), (765, 77, 4), (885, 77, 5), (902, 77, 8), (38, 78, 4), (129, 78, 5), (172, 78, 8), (245, 78, 8), (288, 78, 6), (796, 78, 8), (889, 78,
(450, 79, 7), (645, 79, 7), (664, 79, 6), (793, 79, 8), (805, 79, 3), (854, 79, 8), (861, 79, 5), (873, 79, 8), (971, 79, 7), (37, 80, 8), (284, 80, 5), (292, 80, 7), (401, 80, 8), (407, 80, 7), (636, 80, 7), (678, 80, 8), (761, 80, 7), (763, 80, 5), (825, 80, 8), (917, 80, 3), (954, 80, 3),
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4) (150, 48, 7) (484, 50, 3) (591, 51, 6)
3)(10, 43, 3)(986, 43, 5)(370, 45, 8)(568, 47, 8)(492, 50, 8)
6) (179, 30, 7) (328, 32, 4) (361, 33, 5) (839, 34, 5) (868, 36, 4) (63, 38,
7) (914, 39, 7) (509, 42, 3) (499, 43, 3) (238, 44, 5) (967, 45, 7) (170, 48, 5) (797, 49, 7) (932, 52, 3)
3) (695, 47, 6) (874, 49, 6) (580, 52, 6)
28, 5) (435, 30, 8) (545, 32, 7) (423, 34, 3) (704, 35, 6) (846, 37, 4) (286,
39, 4)(303, 40, 7)(625, 42, 3)(530, 43, 6)(514, 45, 5)(43, 47, 6)(957, 48,
8) (620, 51, 8)
6) (317, 29, 3) (841, 29, 7) (771, 31, 4) (48, 33, 6) (859, 34, 8) (877, 37, 8) (486, 40, 8) (120, 43, 5) (453, 44, 4) (560, 45, 5) (130, 47, 3) (550, 48,
  Queue #10: (724, 22, 2)(359, 24, 6)(463, 25, 3)(788, 26, 5)(231, 28,
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3) (27, 29, 7) (494, 30, 4) (941, 31, 5) (467, 33, 7) (910, 35, 3) (116, 37,
8) (86, 49, 5) (687, 50, 6)
8) (642, 30, 5) (329, 32, 7) (99, 34, 3) (964, 34, 8) (169, 38, 8) (357, 41,
6) (768, 42, 7) (833, 44, 8) (157, 47, 8) (970, 49, 3) (478, 51, 6)
5) (334, 31, 5) (925, 32, 6) (534, 34, 6) (134, 37, 6) (650, 38, 5) (555, 40, 7) (981, 42, 6) (477, 44, 3) (543, 45, 3) (806, 46, 7) (935, 48, 4) (996, 49,
8) (779, 41, 5) (337, 43, 5) (950, 44, 3) (602, 45, 7) (769, 47, 4) (360, 49,
8) (898, 40, 5) (17, 42, 7) (163, 44, 3) (347, 45, 7) (214, 47, 7) (473, 49,
4) (505, 51, 8)
5) (388, 32, 8) (607, 34, 5) (629, 36, 7) (674, 38, 7) (465, 41, 4) (110, 42,
5) (72, 50, 5) (897, 51, 3)
8) (736, 41, 7) (686, 43, 8) (411, 46, 4) (258, 47, 7) (647, 49, 8)
   Number of clients: 1000
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(843, 91, 4), (926, 91, 6), (951, 91, 6), (982, 91, 3), (102, 92, 6), (112, 92, 3), (139, 92, 4), (456, 92, 3), (594, 92, 4), (597, 92, 3), (812, 92, 3), (829, 92, 8), (218, 93, 5), (280, 93, 8), (294, 93, 6), (376, 93, 6), (413, 93, 5), (519, 93, 8), (706, 93, 8), (710, 93, 3), (500, 93, 8), (710, 93, 3),
(790, 93, 8), (900, 93, 6), (907, 93, 8), (940, 93, 5), (371, 94, 6),
3) (206, 29, 3) (807, 29, 6) (608, 31, 5) (990, 32, 5) (256, 34, 7) (302, 37, 7) (358, 39, 3) (207, 40, 3) (648, 41, 4) (554, 42, 6) (263, 44, 8) (905, 46,
3) (695, 47, 6) (874, 49, 6) (580, 52, 6)
4) (458, 30, 7) (489, 32, 7) (261, 34, 7) (551, 37, 6) (267, 39, 5) (254, 41,
6) (317, 29, 3) (841, 29, 7) (771, 31, 4) (48, 33, 6) (859, 34, 8) (877, 37,
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7) (13, 38, 8) (525, 40, 8) (204, 43, 8) (523, 45, 4) (842, 46, 7) (991, 48,
7) (531, 51, 6) (578, 53, 7)
3) (27, 29, 7) (494, 30, 4) (941, 31, 5) (467, 33, 7) (910, 35, 3) (116, 37,
8)(86, 49, 5)(687, 50, 6)(26, 53, 5)
Queue #12: (19, 24, 6)(368, 25, 4)(911, 26, 7)(747, 28, 8)(642, 30,
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5) (337, 43, 5) (950, 44, 3) (602, 45, 7) (769, 47, 4) (360, 49, 6) (536, 51,
6) (667, 53, 4)
7) (482, 30, 5) (18, 32, 3) (929, 32, 3) (61, 34, 5) (538, 35, 7) (40, 38, 8) (898, 40, 5) (17, 42, 7) (163, 44, 3) (347, 45, 7) (214, 47, 7) (473, 49,
4) (505, 51, 8)
5) (388, 32, 8) (607, 34, 5) (629, 36, 7) (674, 38, 7) (465, 41, 4) (110, 42,
5) (72, 50, 5) (897, 51, 3) (182, 53, 5)
5) (222, 33, 5) (723, 34, 3) (980, 35, 4) (571, 37, 5) (853, 38, 5) (240, 41,
6) (24, 52, 5) (712, 53, 4)
Queue #19: (585, 23, 5) (228, 25, 3) (47, 26, 4) (490, 27, 7) (406, 29,
8) (736, 41, 7) (686, 43, 8) (411, 46, 4) (258, 47, 7) (647, 49, 8) (8, 53,
3) (781, 53, 5)
  Service time interval: [3, 9]
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 (259, 62, 3), (556, 62, 8), (673, 62, 7), (722, 62, 8), (770, 62, 7), (856, 62, 7), (943, 62, 6), (995, 62, 6), (997, 62, 6), (113, 63, 8), (189, 63, 5), (210, 63, 3), (300, 63, 8), (564, 63, 5), (567, 63, 3),
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4), (191, 87, 6), (198, 87, 7), (219, 87, 7), (421, 87, 5), (517, 87, 8),
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(940, 93, 5), (371, 94, 6), (437, 94, 4), (562, 94, 6), (702, 94, 4),
Queue #2: (53, 23, 1)(592, 24, 7)(348, 26, 7)(433, 28, 6)(618, 29, 6)(577, 31, 7)(714, 33, 6)(547, 35, 6)(840, 37, 4)(83, 39, 4)(913, 39,
8) (619, 54, 6)
  Queue #3: (836, 23, 4)(953, 24, 4)(427, 26, 3)(392, 27, 5)(497, 28,
7) (484, 50, 3) (591, 51, 6) (50, 54, 4)
Queue #4: (310, 24, 6) (415, 25, 8) (212, 28, 7) (626, 29, 5) (250, 31, 8) (14, 34, 8) (196, 36, 5) (46, 38, 6) (679, 39, 6) (933, 41, 3) (10, 43,
5) (797, 49, 7) (932, 52, 3) (422, 53, 8)
3) (695, 47, 6) (874, 49, 6) (580, 52, 6) (276, 54, 6)
  Queue #7: (297, 23, 2) (791, 24, 6) (488, 26, 8) (694, 28, 3) (520, 29,
5) (97, 42, 7) (393, 44, 5) (985, 45, 4) (70, 47, 3) (397, 48, 3) (311, 49,
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5) (435, 30, 8) (545, 32, 7) (423, 34, 3) (704, 35, 6) (846, 37, 4) (286, 39, 4) (303, 40, 7) (625, 42, 3) (530, 43, 6) (514, 45, 5) (43, 47, 6) (957, 48, 8) (620, 51, 8) (487, 54, 4)
   Queue #9: (501, 22, 1)(600, 24, 3)(115, 25, 3)(655, 25, 5)(884, 27,
6) (317, 29, 3) (841, 29, 7) (771, 31, 4) (48, 33, 6) (859, 34, 8) (877, 37,
8) (486, 40, 8) (120, 43, 5) (453, 44, 4) (560, 45, 5) (130, 47, 3) (550, 48,
6) (483, 50, 5) (605, 52, 6) (331, 54, 3)
6) (578, 53, 7)
3) (572, 39, 3) (271, 41, 8) (316, 43, 5) (587, 44, 5) (786, 46, 8) (86, 49,
7) (833, 44, 8) (157, 47, 8) (970, 49, 3) (478, 51, 6) (270, 53, 3) (447, 54, 8)
5) (334, 31, 5) (925, 32, 6) (534, 34, 6) (134, 37, 6) (650, 38, 5) (555, 40, 7) (981, 42, 6) (477, 44, 3) (543, 45, 3) (806, 46, 7) (935, 48, 4) (996, 49, 6) (851, 52, 3) (332, 53, 8)
6) (667, 53, 4) (739, 54, 5)
5) (18, 32, 3) (929, 32, 3) (61, 34, 5) (538, 35, 7) (40, 38, 8) (898, 40, 5) (17, 42, 7) (163, 44, 3) (347, 45, 7) (214, 47, 7) (473, 49, 4) (505, 51,
8) (176, 54, 8)
5) (388, 32, 8) (607, 34, 5) (629, 36, 7) (674, 38, 7) (465, 41, 4) (110, 42,
5) (72, 50, 5) (897, 51, 3) (182, 53, 5) (604, 54, 4)
5) (222, 33, 5) (723, 34, 3) (980, 35, 4) (571, 37, 5) (853, 38, 5) (240, 41, 5) (74, 42, 5) (599, 43, 4) (247, 45, 4) (305, 46, 7) (752, 48, 4) (552, 49,
6) (24, 52, 5) (712, 53, 4)
8) (736, 41, 7) (686, 43, 8) (411, 46, 4) (258, 47, 7) (647, 49, 8) (8, 53,
3) (781, 53, 5)
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Service time interval: [3, 9]
               Time: 55
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3)(206, 29, 3)(807, 29, 6)(608, 31, 5)(990, 32, 5)(256, 34, 7)(302, 37,
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4) (584, 50, 8) (528, 53, 5) (338, 55, 4)
5) (435, 30, 8) (545, 32, 7) (423, 34, 3) (704, 35, 6) (846, 37, 4) (286, 39,
4) (303, 40, 7) (625, 42, 3) (530, 43, 6) (514, 45, 5) (43, 47, 6) (957, 48, 8) (620, 51, 8) (487, 54, 4) (748, 55, 8)
5) (226, 31, 3) (774, 31, 3) (685, 32, 3) (57, 34, 5) (947, 34, 7) (13, 38, 8) (525, 40, 8) (204, 43, 8) (523, 45, 4) (842, 46, 7) (991, 48, 7) (531, 51,
6) (578, 53, 7)
5) (687, 50, 6) (26, 53, 5) (565, 54, 5)
Queue #12: (19, 24, 4) (368, 25, 4) (911, 26, 7) (747, 28, 8) (642, 30,
Queue #14: (193, 24, 4)(390, 25, 4)(188, 27, 5)(404, 28, 7)(909, 29, 6)(716, 31, 8)(82, 34, 4)(385, 35, 3)(323, 36, 8)(350, 39, 8)(779, 41,
6) (667, 53, 4) (739, 54, 5)
5) (18, 32, 3) (929, 32, 3) (61, 34, 5) (538, 35, 7) (40, 38, 8) (898, 40,
3) (160, 53, 6) (803, 54, 4)
4) (746, 38, 4) (690, 39, 5) (801, 41, 8) (183, 44, 5) (661, 45, 8) (744, 48,
6) (24, 52, 5) (712, 53, 4) (12, 55, 4)
 Queue #19: (585, 23, 3)(228, 25, 3)(47, 26, 4)(490, 27, 7)(406, 29,
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Arrival time interval: [10, 100]
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69, 6), (410, 69, 4), (431, 69, 7), (532, 69, 7), (569, 69, 5), (616, 69,
(959, 69, 5), (114, 70, 5), (199, 70, 6), (299, 70, 6), (414, 70, 7), (430, 70, 3), (582, 70, 7), (634, 70, 8), (808, 70, 6), (867, 70, 5), (978, 70, 3), (979, 70, 4), (984, 70, 6), (98, 71, 7), (132, 71, 3), (156, 71, 3), (345, 71, 6), (418, 71, 4), (459, 71, 7), (574, 71, 4), (721, 71, 71)
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8), (446, 79, 6), (450, 79, 7), (645, 79, 7), (664, 79, 6), (793, 79, 8),
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82, 8), (225, 82, 7), (353, 82, 8), (544, 82, 4), (733, 82, 6), (778, 82,
(812, 92, 3), (829, 92, 8), (218, 93, 5), (280, 93, 8), (294, 93, 6),
 (376, 93, 6), (413, 93, 5), (519, 93, 8), (706, 93, 8), (710, 93, 3),
 (790, 93, 8), (900, 93, 6), (907, 93, 8), (940, 93, 5), (371, 94, 6),
 (798, 95, 7), (862, 95, 3), (249, 96, 3), (285, 96, 8), (362, 96, 8),
(958, 96, 4), (49, 97, 7), (68, 97, 4), (91, 97, 8), (100, 97, 4), (241, 97, 5), (262, 97, 6), (265, 97, 8), (282, 97, 8), (314, 97, 6), (391, 97, 6), (408, 97, 8), (466, 97, 3), (475, 97, 6), (513, 97, 6), (610, 97, 7), (651, 97, 7), (688, 97, 7), (737, 97, 5), (799, 97, 6), (860, 97, 7), (892, 97, 7), (352, 98, 4), (510, 98, 6), (598, 98, 3), (683, 98, 7),
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5) (987, 30, 8) (295, 33, 7) (581, 35, 3) (809, 36, 5) (439, 38, 4) (527, 39, 5) (643, 41, 4) (369, 42, 8) (301, 45, 6) (863, 46, 4) (150, 48, 7) (484, 50,
3) (591, 51, 6) (50, 54, 4) (211, 55, 7)
Queue #4: (310, 24, 2) (415, 25, 8) (212, 28, 7) (626, 29, 5) (250, 31,
8) (14, 34, 8) (196, 36, 5) (46, 38, 6) (679, 39, 6) (933, 41, 3) (10, 43,
3) (986, 43, 5) (370, 45, 8) (568, 47, 8) (492, 50, 8) (405, 53, 4) (666, 54, 7)
7) (328, 32, 4) (361, 33, 5) (839, 34, 5) (868, 36, 4) (63, 38, 7) (914, 39, 7) (509, 42, 3) (499, 43, 3) (238, 44, 5) (967, 45, 7) (170, 48, 5) (797, 49, 7) (932, 52, 3) (422, 53, 8) (741, 56, 6)
8) (528, 53, 5) (338, 55, 4) (834, 57, 3)
8) (545, 32, 7) (423, 34, 3) (704, 35, 6) (846, 37, 4) (286, 39, 4) (303, 40,
6) (331, 54, 3) (541, 55, 4) (879, 57, 8)
6) (26, 53, 5) (565, 54, 5) (108, 57, 8)
6) (667, 53, 4) (739, 54, 5) (133, 58, 8)
8) (176, 54, 8) (277, 58, 5)
Queue #16: (190, 25, 4) (708, 26, 8) (852, 28, 8) (904, 30, 5) (388, 32,
6) (803, 54, 4) (173, 57, 7)
  Queue #17: (915, 24, 3)(937, 25, 3)(217, 27, 3)(69, 28, 6)(524, 29,
4) (690, 39, 5) (801, 41, 8) (183, 44, 5) (661, 45, 8) (744, 48, 5) (72, 50,
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5) (74, 42, 5) (599, 43, 4) (247, 45, 4) (305, 46, 7) (752, 48, 4) (552, 49, 6) (24, 52, 5) (712, 53, 4) (12, 55, 4) (822, 57, 3)
  Arrival time interval: [10, 100]
  Time: 59
68, 8), (339, 68, 3), (354, 68, 5), (417, 68, 8), (742, 68, 6), (756, 68, 6), (20, 69, 4), (80, 69, 8), (187, 69, 8), (400, 69, 6), (410, 69, 4),
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(718, 75, 8), (824, 75, 3), (831, 75, 3), (89, 76, 8), (209, 76, 7), (436, 76, 4), (612, 76, 5), (635, 76, 8), (743, 76, 8), (754, 76, 5), (804, 76, 8), (816, 76, 4), (844, 76, 5), (912, 76, 5), (922, 76, 3), (92, 77, 3),
8), (889, 78, 6), (890, 78, 7), (28, 79, 4), (145, 79, 8), (149, 79, 6), (177, 79, 7), (192, 79, 5), (202, 79, 6), (239, 79, 5), (336, 79, 8), (446, 79, 6), (450, 79, 7), (645, 79, 7), (664, 79, 6), (793, 79, 8), (805, 79, 3), (854, 79, 8), (861, 79, 5), (873, 79, 8), (971, 79, 7), (3
4), (946, 89, 3), (960, 89, 5), (35, 90, 5), (251, 90, 5), (349, 90, 8), (379, 90, 6), (399, 90, 4), (403, 90, 8), (632, 90, 8), (663, 90, 8), (994, 90, 5), (155, 91, 8), (232, 91, 8), (233, 91, 5), (290, 91, 3),
(843, 91, 4), (926, 91, 6), (951, 91, 6), (982, 91, 3), (102, 92, 6),
45, 6) (264, 47, 7) (283, 50, 5) (242, 52, 5) (44, 54, 7) (689, 56, 3) (443, 59,
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5) (643, 41, 4) (369, 42, 8) (301, 45, 6) (863, 46, 4) (150, 48, 7) (484, 50,
3) (591, 51, 6) (50, 54, 4) (211, 55, 7) (795, 59, 4)
8) (14, 34, 8) (196, 36, 5) (46, 38, 6) (679, 39, 6) (933, 41, 3) (10, 43,
6) (874, 49, 6) (580, 52, 6) (276, 54, 6) (764, 56, 8)
7) (489, 32, 7) (261, 34, 7) (551, 37, 6) (267, 39, 5) (254, 41, 5) (97, 42,
8) (545, 32, 7) (423, 34, 3) (704, 35, 6) (846, 37, 4) (286, 39, 4) (303, 40,
8) (487, 54, 4) (748, 55, 8)
5) (453, 44, 4) (560, 45, 5) (130, 47, 3) (550, 48, 6) (483, 50, 5) (605, 52, 6) (331, 54, 3) (541, 55, 4) (879, 57, 8)
8) (525, 40, 8) (204, 43, 8) (523, 45, 4) (842, 46, 7) (991, 48, 7) (531, 51,
6) (578, 53, 7) (111, 56, 3) (4, 59, 3)
4) (941, 31, 5) (467, 33, 7) (910, 35, 3) (116, 37, 6) (522, 38, 3) (572, 39, 3) (271, 41, 8) (316, 43, 5) (587, 44, 5) (786, 46, 8) (86, 49, 5) (687, 50,
6) (26, 53, 5) (565, 54, 5) (108, 57, 8)
8) (157, 47, 8) (970, 49, 3) (478, 51, 6) (270, 53, 3) (447, 54, 8) (287, 59, 4) Queue #13: (656, 24, 3) (641, 26, 6) (278, 28, 7) (881, 29, 5) (334, 31,
3) (332, 53, 8) (566, 56, 8)
8) (82, 34, 4) (385, 35, 3) (323, 36, 8) (350, 39, 8) (779, 41, 5) (337, 43,
4) (739, 54, 5) (133, 58, 8)
8) (176, 54, 8) (277, 58, 5)
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6) (803, 54, 4) (173, 57, 7)
7) (343, 31, 3) (476, 32, 4) (507, 33, 4) (717, 34, 8) (589, 37, 4) (746, 38, 4) (690, 39, 5) (801, 41, 8) (183, 44, 5) (661, 45, 8) (744, 48, 5) (72, 50, 5) (897, 51, 3) (182, 53, 5) (604, 54, 4) (621, 56, 6)
    Queue #18: (298, 23, 1)(481, 25, 7)(148, 28, 8)(938, 29, 6)(738, 31,
5) (222, 33, 5) (723, 34, 3) (980, 35, 4) (571, 37, 5) (853, 38, 5) (240, 41,
5) (74, 42, 5) (599, 43, 4) (247, 45, 4) (305, 46, 7) (752, 48, 4) (552, 49, 6) (24, 52, 5) (712, 53, 4) (12, 55, 4) (822, 57, 3) (711, 59, 4)

Queue #19: (228, 25, 2) (47, 26, 4) (490, 27, 7) (406, 29, 3) (948, 29,
    Time: 60
65, 3), (175, 65, 5), (205, 65, 6), (341, 65, 7), (342, 65, 6), (412, 65, 7), (508, 65, 5), (546, 65, 4), (588, 65, 3), (777, 65, 3), (848, 65, 8),
6), (95, 68, 3), (104, 68, 3), (215, 68, 3), (227, 68, 8), (308, 68, 4),
(582, 70, 7), (634, 70, 8), (808, 70, 6), (867, 70, 5), (978, 70, 3), (979, 70, 4), (984, 70, 6), (98, 71, 7), (132, 71, 3), (156, 71, 3), (345, 71, 6), (418, 71, 4), (459, 71, 7), (574, 71, 4), (721, 71, 4), (757, 71, 3), (794, 71, 6), (827, 71, 4), (893, 71, 5), (903, 71, 3), (908, 71, 4),
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74, 3), (845, 74, 4), (928, 74, 3), (955, 74, 7), (119, 75, 5), (221, 75, 3), (309, 75, 6), (451, 75, 8), (468, 75, 6), (540, 75, 4), (573, 75, 8), (718, 75, 8), (824, 75, 3), (831, 75, 3), (89, 76, 8), (209, 76, 7), (436, 76, 4), (612, 76, 5), (635, 76, 8), (743, 76, 8), (754, 76, 5), (804, 76,
(472, 77, 5), (474, 77, 8), (765, 77, 4), (885, 77, 5), (902, 77, 8), (378, 4), (129, 78, 5), (172, 78, 8), (245, 78, 8), (288, 78, 6), (796, 78, 8), (889, 78, 6), (890, 78, 7), (28, 79, 4), (145, 79, 8), (149, 79, 6), (177, 79, 7), (192, 79, 5), (202, 79, 6), (239, 79, 5), (336, 79, 8),
 (376, 93, 6), (413, 93, 5), (519, 93, 8), (706, 93, 8), (710, 93, 3),
 (790, 93, 8), (900, 93, 6), (907, 93, 8), (940, 93, 5), (371, 94, 6),
 (437, 94, 4), (562, 94, 6), (702, 94, 4), (869, 94, 8), (919, 94, 6),
    Queue #1: (304, 25, 7) (7, 28, 5) (121, 29, 4) (55, 30, 7) (248, 32, 5) (559,
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6) (719, 58, 6)
  Queue #3: (953, 24, 2)(427, 26, 3)(392, 27, 5)(497, 28, 4)(561, 29,
5) (987, 30, 8) (295, 33, 7) (581, 35, 3) (809, 36, 5) (439, 38, 4) (527, 39,
3) (591, 51, 6) (50, 54, 4) (211, 55, 7) (795, 59, 4)
Queue #4: (415, 25, 8) (212, 28, 7) (626, 29, 5) (250, 31, 8) (14, 34,
6) (874, 49, 6) (580, 52, 6) (276, 54, 6) (764, 56, 8)
7) (393, 44, 5) (985, 45, 4) (70, 47, 3) (397, 48, 3) (311, 49, 4) (584, 50, 8) (528, 53, 5) (338, 55, 4) (834, 57, 3) (33, 60, 4)
4) (748, 55, 8) (637, 60, 3)
6) (331, 54, 3) (541, 55, 4) (879, 57, 8)
6) (26, 53, 5) (565, 54, 5) (108, 57, 8)
3) (332, 53, 8) (566, 56, 8) (865, 60, 5)
8) (82, 34, 4) (385, 35, 3) (323, 36, 8) (350, 39, 8) (779, 41, 5) (337, 43,
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8) (607, 34, 5) (629, 36, 7) (674, 38, 7) (465, 41, 4) (110, 42, 3) (386, 43,
6) (803, 54, 4) (173, 57, 7)
5) (897, 51, 3) (182, 53, 5) (604, 54, 4) (621, 56, 6) (194, 60, 3)
5) (723, 34, 3) (980, 35, 4) (571, 37, 5) (853, 38, 5) (240, 41, 5) (74, 42, 5) (599, 43, 4) (247, 45, 4) (305, 46, 7) (752, 48, 4) (552, 49, 6) (24, 52,
   Time: 61
(275, 64, 7), (383, 64, 3), (445, 64, 4), (500, 64, 5), (682, 64, 8), (755, 64, 8), (944, 64, 7), (25, 65, 3), (45, 65, 3), (175, 65, 5), (205, 65, 6), (341, 65, 7), (342, 65, 6), (412, 65, 7), (508, 65, 5), (546, 65, 4), (588, 65, 3), (777, 65, 3), (848, 65, 8), (66, 66, 4), (137, 66, 5),
(785, 66, 5), (800, 66, 8), (855, 66, 6), (918, 66, 6), (930, 66, 8),
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(229, 77, 8), (230, 77, 3), (346, 77, 8), (432, 77, 7), (472, 77, 5), (474, 77, 8), (765, 77, 4), (885, 77, 5), (902, 77, 8), (38, 78, 4), (129, 78, 5), (172, 78, 8), (245, 78, 8), (288, 78, 6), (796, 78, 8), (889, 78, 6), (890, 78, 7), (28, 79, 4), (145, 79, 8), (149, 79, 6), (177, 79, 7),
8), (96, 87, 4), (191, 87, 6), (198, 87, 7), (219, 87, 7), (421, 87, 5),
(517, 87, 8), (601, 87, 4), (813, 87, 5), (820, 87, 5), (41, 88, 7), (109, 88, 5), (124, 88, 3), (351, 88, 4), (464, 88, 3), (729, 88, 7), (87, 89, 8), (480, 89, 3), (485, 89, 7), (665, 89, 3), (720, 89, 4), (946, 89, 3),
 (218, 93, 5), (280, 93, 8), (294, 93, 6), (376, 93, 6), (413, 93, 5),
 (907, 93, 8), (940, 93, 5), (371, 94, 6), (437, 94, 4), (562, 94, 6),
(475, 97, 6), (513, 97, 6), (610, 97, 7), (651, 97, 7), (688, 97, 7), (737, 97, 5), (799, 97, 6), (860, 97, 7), (892, 97, 7), (352, 98, 4), (510, 98, 6), (598, 98, 3), (683, 98, 7), (745, 98, 7), (766, 98, 4),
 (312, 99, 3), (493, 99, 7), (495, 99, 5), (586, 99, 7), (751, 99, 6),
(847, 99, 3)
    Queue #1: (304, 25, 6)(7, 28, 5)(121, 29, 4)(55, 30, 7)(248, 32, 5)(559,
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6) (719, 58, 6) (201, 61, 3)
5) (987, 30, 8) (295, 33, 7) (581, 35, 3) (809, 36, 5) (439, 38, 4) (527, 39,
8) (196, 36, 5) (46, 38, 6) (679, 39, 6) (933, 41, 3) (10, 43, 3) (986, 43,
5) (370, 45, 8) (568, 47, 8) (492, 50, 8) (405, 53, 4) (666, 54, 7) (696, 59,
  Queue #6: (993, 24, 1)(440, 26, 4)(669, 27, 3)(454, 28, 3)(206, 29,
6) (874, 49, 6) (580, 52, 6) (276, 54, 6) (764, 56, 8) (818, 61, 5)
8) (528, 53, 5) (338, 55, 4) (834, 57, 3) (33, 60, 4) (830, 61, 8)
3) (541, 55, 4) (879, 57, 8)
3) (774, 31, 3) (685, 32, 3) (57, 34, 5) (947, 34, 7) (13, 38, 8) (525, 40,
5) (467, 33, 7) (910, 35, 3) (116, 37, 6) (522, 38, 3) (572, 39, 3) (271, 41,
4) (375, 60, 3)
5) (925, 32, 6) (534, 34, 6) (134, 37, 6) (650, 38, 5) (555, 40, 7) (981, 42,
Queue #14: (390, 25, 2)(188, 27, 5)(404, 28, 7)(909, 29, 6)(716, 31, 8)(82, 34, 4)(385, 35, 3)(323, 36, 8)(350, 39, 8)(779, 41, 5)(337, 43,
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8) (277, 58, 5) (623, 60, 6)
6) (803, 54, 4) (173, 57, 7) (65, 61, 8)
3) (476, 32, 4) (507, 33, 4) (717, 34, 8) (589, 37, 4) (746, 38, 4) (690, 39,
5) (712, 53, 4) (12, 55, 4) (822, 57, 3) (711, 59, 4) (67, 61, 7)
Queue #19: (47, 26, 4) (490, 27, 7) (406, 29, 3) (948, 29, 5) (438, 31,
7) (595, 46, 7) (878, 48, 5) (136, 50, 5) (88, 52, 5) (965, 53, 4) (103, 55,
    Time: 62
(500, 64, 5), (682, 64, 8), (755, 64, 8), (944, 64, 7), (25, 65, 3), (45, 65, 3), (175, 65, 5), (205, 65, 6), (341, 65, 7), (342, 65, 6), (412, 65, 7), (508, 65, 5), (546, 65, 4), (588, 65, 3), (777, 65, 3), (848, 65, 8),
6), (95, 68, 3), (104, 68, 3), (215, 68, 3), (227, 68, 8), (308, 68, 4),
(582, 70, 7), (634, 70, 8), (808, 70, 6), (867, 70, 5), (978, 70, 3), (979, 70, 4), (984, 70, 6), (98, 71, 7), (132, 71, 3), (156, 71, 3), (345, 71, 6), (418, 71, 4), (459, 71, 7), (574, 71, 4), (721, 71, 4), (757, 71, 3), (794, 71, 6), (827, 71, 4), (893, 71, 5), (903, 71, 3), (908, 71, 4),
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74, 3), (845, 74, 4), (928, 74, 3), (955, 74, 7), (119, 75, 5), (221, 75, 3), (309, 75, 6), (451, 75, 8), (468, 75, 6), (540, 75, 4), (573, 75, 8), (718, 75, 8), (824, 75, 3), (831, 75, 3), (89, 76, 8), (209, 76, 7), (436, 76, 4), (612, 76, 5), (635, 76, 8), (743, 76, 8), (754, 76, 5), (804, 76,
(472, 77, 5), (474, 77, 8), (765, 77, 4), (885, 77, 5), (902, 77, 8), (378, 4), (129, 78, 5), (172, 78, 8), (245, 78, 8), (288, 78, 6), (796, 78, 8), (889, 78, 6), (890, 78, 7), (28, 79, 4), (145, 79, 8), (149, 79, 6), (177, 79, 7), (192, 79, 5), (202, 79, 6), (239, 79, 5), (336, 79, 8),
 (376, 93, 6), (413, 93, 5), (519, 93, 8), (706, 93, 8), (710, 93, 3),
 (790, 93, 8), (900, 93, 6), (907, 93, 8), (940, 93, 5), (371, 94, 6),
 (437, 94, 4), (562, 94, 6), (702, 94, 4), (869, 94, 8), (919, 94, 6),
    Queue #1: (304, 25, 5) (7, 28, 5) (121, 29, 4) (55, 30, 7) (248, 32, 5) (559,
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6) (201, 61, 3) (856, 62, 7)
  Queue #3: (427, 26, 3)(392, 27, 5)(497, 28, 4)(561, 29, 5)(987, 30,
8) (295, 33, 7) (581, 35, 3) (809, 36, 5) (439, 38, 4) (527, 39, 5) (643, 41,
6) (50, 54, 4) (211, 55, 7) (795, 59, 4) (324, 61, 3) (943, 62, 6)

Queue #4: (415, 25, 6) (212, 28, 7) (626, 29, 5) (250, 31, 8) (14, 34, 8) (196, 36, 5) (46, 38, 6) (679, 39, 6) (933, 41, 3) (10, 43, 3) (986, 43,
5) (471, 61, 6)
6) (580, 52, 6) (276, 54, 6) (764, 56, 8) (818, 61, 5)
3) (541, 55, 4) (879, 57, 8) (252, 62, 7)
3) (774, 31, 3) (685, 32, 3) (57, 34, 5) (947, 34, 7) (13, 38, 8) (525, 40,
7) (99, 34, 3) (964, 34, 8) (169, 38, 8) (357, 41, 6) (768, 42, 7) (833, 44,
6) (534, 34, 6) (134, 37, 6) (650, 38, 5) (555, 40, 7) (981, 42, 6) (477, 44,
8) (566, 56, 8) (865, 60, 5)
Queue #14: (390, 25, 1)(188, 27, 5)(404, 28, 7)(909, 29, 6)(716, 31, 8)(82, 34, 4)(385, 35, 3)(323, 36, 8)(350, 39, 8)(779, 41, 5)(337, 43,
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5) (629, 36, 7) (674, 38, 7) (465, 41, 4) (110, 42, 3) (386, 43, 6) (355, 45,
3) (476, 32, 4) (507, 33, 4) (717, 34, 8) (589, 37, 4) (746, 38, 4) (690, 39,
5) (723, 34, 3) (980, 35, 4) (571, 37, 5) (853, 38, 5) (240, 41, 5) (74, 42, 5) (599, 43, 4) (247, 45, 4) (305, 46, 7) (752, 48, 4) (552, 49, 6) (24, 52,
5) (712, 53, 4) (12, 55, 4) (822, 57, 3) (711, 59, 4) (67, 61, 7)
7) (595, 46, 7) (878, 48, 5) (136, 50, 5) (88, 52, 5) (965, 53, 4) (103, 55,
  Arrival time interval: [10, 100]
  Time: 63
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8), (66, 66, 4), (137, 66, 5), (195, 66, 5), (394, 66, 8), (449, 66, 7),
(590, 66, 3), (681, 66, 5), (785, 66, 5), (800, 66, 8), (855, 66, 6), (918, 66, 6), (930, 66, 8), (934, 66, 4), (15, 67, 6), (42, 67, 7), (51, 67, 7), (76, 67, 7), (279, 67, 4), (364, 67, 4), (518, 67, 7), (549, 67,
68, 4), (333, 68, 8), (339, 68, 3), (354, 68, 5), (417, 68, 8), (742, 68,
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76, 7), (436, 76, 4), (612, 76, 5), (635, 76, 8), (743, 76, 8), (754, 76, 5), (804, 76, 8), (816, 76, 4), (844, 76, 5), (912, 76, 5), (922, 76, 3),
8), (38, 78, 4), (129, 78, 5), (172, 78, 8), (245, 78, 8), (288, 78, 6),
82, 8), (225, 82, 7), (353, 82, 8), (544, 82, 4), (733, 82, 6), (778, 82,
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4) (748, 55, 8) (637, 60, 3) (722, 62, 8)
3) (541, 55, 4) (879, 57, 8) (252, 62, 7)
Queue #10: (788, 26, 5) (231, 28, 6) (563, 29, 5) (226, 31, 3) (774, 31,
3) (4, 59, 3) (153, 60, 6) (995, 62, 6)
8) (316, 43, 5) (587, 44, 5) (786, 46, 8) (86, 49, 5) (687, 50, 6) (26, 53, 5) (565, 54, 5) (108, 57, 8) (22, 62, 8)
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Queue #15: (740, 25, 2)(479, 27, 5)(750, 28, 7)(482, 30, 5)(18, 32, 3)(929, 32, 3)(61, 34, 5)(538, 35, 7)(40, 38, 8)(898, 40, 5)(17, 42,
8) (277, 58, 5) (623, 60, 6) (189, 63, 5)
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8) (411, 46, 4) (258, 47, 7) (647, 49, 8) (8, 53, 3) (781, 53, 5) (593, 55, 5) (320, 59, 7) (673, 62, 7) (500, 64, 5)
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           Time: 65
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    Queue #1: (304, 25, 2)(7, 28, 5)(121, 29, 4)(55, 30, 7)(248, 32, 5)(559,
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5) (370, 45, 8) (568, 47, 8) (492, 50, 8) (405, 53, 4) (666, 54, 7) (696, 59,
    Queue #5:
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5)(839, 34, 5)(868, 36, 4)(63, 38, 7)(914, 39, 7)(509, 42, 3)(499, 43,
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8) (183, 44, 5) (661, 45, 8) (744, 48, 5) (72, 50, 5) (897, 51, 3) (182, 53, 5) (604, 54, 4) (621, 56, 6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65, Queue #18: (481, 25, 2) (148, 28, 8) (938, 29, 6) (738, 31, 5) (222, 33,
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                      Arrival time interval: [10, 100]
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6) (201, 61, 3) (856, 62, 7) (341, 65, 7)
8) (301, 45, 6) (863, 46, 4) (150, 48, 7) (484, 50, 3) (591, 51, 6) (50, 54, 4) (211, 55, 7) (795, 59, 4) (324, 61, 3) (943, 62, 6) (682, 64, 8)
5) (471, 61, 6) (564, 63, 5) (508, 65, 5) (934, 66, 4)
5) (839, 34, 5) (868, 36, 4) (63, 38, 7) (914, 39, 7) (509, 42, 3) (499, 43, 3) (238, 44, 5) (967, 45, 7) (170, 48, 5) (797, 49, 7) (932, 52, 3) (422, 53, 8) (741, 56, 6) (318, 60, 3) (143, 62, 5) (567, 63, 3) (755, 64, 8)
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8) (637, 60, 3) (722, 62, 8) (342, 65, 6)
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5) (623, 60, 6) (189, 63, 5) (45, 65, 3) (195, 66, 5)
4) (173, 57, 7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66, 3)
8) (183, 44, 5) (661, 45, 8) (744, 48, 5) (72, 50, 5) (897, 51, 3) (182, 53,
  Queue #20: (596, 27, 7)(535, 29, 5)(952, 30, 8)(281, 33, 4)(125, 34,
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Arrival time interval: [10, 100]
    Time: 67
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4) (211, 55, 7) (795, 59, 4) (324, 61, 3) (943, 62, 6) (682, 64, 8) (279, 67,
8) (196, 36, 5) (46, 38, 6) (679, 39, 6) (933, 41, 3) (10, 43, 3) (986, 43,
8) (637, 60, 3) (722, 62, 8) (342, 65, 6) (15, 67, 6)
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3)(4, 59, 3)(153, 60, 6)(995, 62, 6)(944, 64, 7)(42, 67, 7)
5) (565, 54, 5) (108, 57, 8) (22, 62, 8) (445, 64, 4) (848, 65, 8)

Queue #12: (911, 26, 3) (747, 28, 8) (642, 30, 5) (329, 32, 7) (99, 34,
3) (543, 45, 3) (806, 46, 7) (935, 48, 4) (996, 49, 6) (851, 52, 3) (332, 53, 8) (566, 56, 8) (865, 60, 5) (113, 63, 8) (66, 66, 4) (51, 67, 7)
5) (133, 58, 8) (556, 62, 8) (25, 65, 3) (137, 66, 5) (549, 67, 6)
Queue #15: (479, 27, 3)(750, 28, 7)(482, 30, 5)(18, 32, 3)(929, 32, 3)(61, 34, 5)(538, 35, 7)(40, 38, 8)(898, 40, 5)(17, 42, 7)(163, 44,
5) (699, 67, 8)
3) (980, 35, 4) (571, 37, 5) (853, 38, 5) (240, 41, 5) (74, 42, 5) (599, 43,
4) (247, 45, 4) (305, 46, 7) (752, 48, 4) (552, 49, 6) (24, 52, 5) (712, 53,
5) (785, 66, 5) (789, 67, 5)
 Queue #19: (490, 27, 5)(406, 29, 3)(948, 29, 5)(438, 31, 6)(223, 33,
  Arrival time interval: [10, 100]
  Service time interval: [3, 9]
  Time: 68
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                                                                                                             (862,
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 (734,
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6) (547, 35, 6) (840, 37, 4) (83, 39, 4) (913, 39, 7) (330, 42, 5) (62, 44, 7) (732, 46, 6) (36, 48, 8) (726, 50, 3) (504, 52, 8) (619, 54, 6) (719, 58,
8) (301, 45, 6) (863, 46, 4) (150, 48, 7) (484, 50, 3) (591, 51, 6) (50, 54,
6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8)
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6) (333, 68, 8)
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4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68,
  Queue #11: (244, 28, 3)(27, 29, 7)(494, 30, 4)(941, 31, 5)(467, 33,
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3) (964, 34, 8) (169, 38, 8) (357, 41, 6) (768, 42, 7) (833, 44, 8) (157, 47,
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6) (134, 37, 6) (650, 38, 5) (555, 40, 7) (981, 42, 6) (477, 44, 3) (543, 45,
3) (806, 46, 7) (935, 48, 4) (996, 49, 6) (851, 52, 3) (332, 53, 8) (566, 56,
8) (865, 60, 5) (113, 63, 8) (66, 66, 4) (51, 67, 7) (756, 68, 6)
3) (323, 36, 8) (350, 39, 8) (779, 41, 5) (337, 43, 5) (950, 44, 3) (602, 45, 7) (769, 47, 4) (360, 49, 6) (536, 51, 6) (667, 53, 4) (739, 54, 5) (133, 58,
8) (556, 62, 8) (25, 65, 3) (137, 66, 5) (549, 67, 6)
Queue #15: (479, 27, 2) (750, 28, 7) (482, 30, 5) (18, 32, 3) (929, 32,
4) (173, 57, 7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8)
4) (717, 34, 8) (589, 37, 4) (746, 38, 4) (690, 39, 5) (801, 41, 8) (183, 44, 5) (661, 45, 8) (744, 48, 5) (72, 50, 5) (897, 51, 3) (182, 53, 5) (604, 54, 4) (621, 56, 6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65, 3) (681, 66,
 Queue #18: (148, 28, 7)(938, 29, 6)(738, 31, 5)(222, 33, 5)(723, 34,
5) (785, 66, 5) (789, 67, 5)
Queue #19: (490, 27, 4) (406, 29, 3) (948, 29, 5) (438, 31, 6) (223, 33,
7) (152, 37, 4) (356, 38, 8) (420, 41, 5) (158, 42, 5) (3, 44, 7) (595, 46,
7) (878, 48, 5) (136, 50, 5) (88, 52, 5) (965, 53, 4) (103, 55, 3) (628, 56, 6) (257, 60, 5) (770, 62, 7) (205, 65, 6) (930, 66, 8)
   Time: 69
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8), (314, 97, 6), (391, 97, 6), (408, 97, 8), (466, 97, 3), (475, 97, (513, 97, 6), (610, 97, 7), (651, 97, 7), (688, 97, 7), (737, 97, 5), (799, 97, 6), (860, 97, 7), (892, 97, 7), (352, 98, 4), (510, 98, 6), (598, 98, 3), (683, 98, 7), (745, 98, 7), (766, 98, 4), (312, 99, 3),
   36, 4) (653, 37, 8) (891, 39, 7) (235, 42, 4) (899, 43, 7) (676, 45, 6) (264,
```



```
3) (856, 62, 7) (341, 65, 7) (76, 67, 7) (410, 69, 4)
8) (301, 45, 6) (863, 46, 4) (150, 48, 7) (484, 50, 3) (591, 51, 6) (50, 54, 4) (211, 55, 7) (795, 59, 4) (324, 61, 3) (943, 62, 6) (682, 64, 8) (279, 67,
4) (227, 68, 8)
6) (263, 44, 8) (905, 46, 3) (695, 47, 6) (874, 49, 6) (580, 52, 6) (276, 54, 6) (764, 56, 8) (818, 61, 5) (300, 63, 8) (394, 66, 8) (308, 68, 4) (649, 69,
8) (637, 60, 3) (722, 62, 8) (342, 65, 6) (15, 67, 6) (354, 68, 5) (792, 69, 8)
6) (859, 34, 8) (877, 37, 8) (486, 40, 8) (120, 43, 5) (453, 44, 4) (560, 45,
8) (865, 60, 5) (113, 63, 8) (66, 66, 4) (51, 67, 7) (756, 68, 6)
7) (769, 47, 4) (360, 49, 6) (536, 51, 6) (667, 53, 4) (739, 54, 5) (133, 58,
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3) (80, 69, 8)
5) (629, 36, 7) (674, 38, 7) (465, 41, 4) (110, 42, 3) (386, 43, 6) (355, 45,
5) (699, 67, 8) (959, 69, 5)
5) (785, 66, 5) (789, 67, 5) (616, 69, 4)
5) (758, 34, 5) (697, 36, 7) (974, 38, 8) (736, 41, 7) (686, 43, 8) (411, 46, 4) (258, 47, 7) (647, 49, 8) (8, 53, 3) (781, 53, 5) (593, 55, 5) (320, 59,
  Queue #20: (596, 27, 4)(535, 29, 5)(952, 30, 8)(281, 33, 4)(125, 34,
   Time: 70
74, 6), (730, 74, 3), (845, 74, 4), (928, 74, 3), (955, 74, 7), (119, 75, 5), (221, 75, 3), (309, 75, 6), (451, 75, 8), (468, 75, 6), (540, 75, 4), (573, 75, 8), (718, 75, 8), (824, 75, 3), (831, 75, 3), (89, 76, 8), (209, 76, 7), (436, 76, 4), (612, 76, 5), (635, 76, 8), (743, 76, 8), (754, 76, 5), (804, 76, 8), (816, 76, 4), (844, 76, 5), (912, 76, 5), (922, 76, 3),
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8), (446, 79, 6), (450, 79, 7), (645, 79, 7), (664, 79, 6), (793, 79, 8), (805, 79, 3), (854, 79, 8), (861, 79, 5), (873, 79, 8), (971, 79, 7), (37, 80, 8), (284, 80, 5), (292, 80, 7), (401, 80, 8), (407, 80, 7), (636, 80,
(880, 81, 8), (945, 81, 3), (992, 81, 7), (6, 82, 7), (71, 82, 5), (123, 82, 8), (225, 82, 7), (353, 82, 8), (544, 82, 4), (733, 82, 6), (778, 82, 8), (29, 83, 8), (296, 83, 7), (542, 83, 4), (677, 83, 7), (949, 83, 8),
 (289, 84, 4), (372, 84, 8), (380, 84, 3), (462, 84, 4), (606, 84, 6),
 (798, 95, 7), (862, 95, 3), (249, 96, 3), (285, 96, 8), (362, 96, 8),
6) (840, 37, 4) (83, 39, 4) (913, 39, 7) (330, 42, 5) (62, 44, 7) (732, 46, 6) (36, 48, 8) (726, 50, 3) (504, 52, 8) (619, 54, 6) (719, 58, 6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67, 7) (410, 69, 4) (114, 70, 5)
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5) (46, 38, 6) (679, 39, 6) (933, 41, 3) (10, 43, 3) (986, 43, 5) (370, 45,
8) (568, 47, 8) (492, 50, 8) (405, 53, 4) (666, 54, 7) (696, 59, 5) (471, 61, 6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6)
8) (414, 70, 7)
4) (70, 47, 3) (397, 48, 3) (311, 49, 4) (584, 50, 8) (528, 53, 5) (338, 55,
8) (430, 70, 3)
8) (637, 60, 3) (722, 62, 8) (342, 65, 6) (15, 67, 6) (354, 68, 5) (792, 69,
5) (108, 57, 8) (22, 62, 8) (445, 64, 4) (848, 65, 8) (21, 68, 6) (759, 69, 6)
Queue #12: (747, 28, 8) (642, 30, 5) (329, 32, 7) (99, 34, 3) (964, 34, 8) (169, 38, 8) (357, 41, 6) (768, 42, 7) (833, 44, 8) (157, 47, 8) (970, 49, 3) (478, 51, 6) (270, 53, 3) (447, 54, 8) (287, 59, 4) (375, 60, 3) (259, 62, 3)
3) (997, 62, 6) (412, 65, 7) (518, 67, 7) (569, 69, 5) (634, 70, 8)
  Queue #13: (278, 28, 5) (881, 29, 5) (334, 31, 5) (925, 32, 6) (534, 34,
8) (556, 62, 8) (25, 65, 3) (137, 66, 5) (549, 67, 6) (20, 69, 4) (857, 69, 8)
5) (538, 35, 7) (40, 38, 8) (898, 40, 5) (17, 42, 7) (163, 44, 3) (347, 45,
6) (189, 63, 5) (45, 65, 3) (195, 66, 5) (557, 67, 3) (95, 68, 3) (80, 69, 8) Queue #16: (852, 28, 8) (904, 30, 5) (388, 32, 8) (607, 34, 5) (629, 36,
6) (32, 48, 4) (363, 49, 7) (652, 51, 3) (160, 53, 6) (803, 54, 4) (173, 57,
7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69,
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5) (661, 45, 8) (744, 48, 5) (72, 50, 5) (897, 51, 3) (182, 53, 5) (604, 54,
4) (621, 56, 6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65, 3) (681, 66,
5) (699, 67, 8) (959, 69, 5)
4) (247, 45, 4) (305, 46, 7) (752, 48, 4) (552, 49, 6) (24, 52, 5) (712, 53,
5) (785, 66, 5) (789, 67, 5) (616, 69, 4) (299, 70, 6)
Queue #19: (490, 27, 2) (406, 29, 3) (948, 29, 5) (438, 31, 6) (223, 33,
   Time: 71
3), (365, 72, 3), (444, 72, 8), (533, 72, 4), (639, 72, 3), (654, 72, 6), (659, 72, 5), (671, 72, 8), (772, 72, 5), (835, 72, 7), (858, 72, 7), (56, 73, 5), (64, 73, 7), (105, 73, 4), (154, 73, 7), (168, 73, 7), (185, 73,
(573, 75, 8), (718, 75, 8), (824, 75, 3), (831, 75, 3), (89, 76, 8), (209, 76, 7), (436, 76, 4), (612, 76, 5), (635, 76, 8), (743, 76, 8), (754, 76, 5), (804, 76, 8), (816, 76, 4), (844, 76, 5), (912, 76, 5), (922, 76, 3),
(455, 81, 4), (457, 81, 3), (496, 81, 6), (624, 81, 3), (876, 81, 4), (880, 81, 8), (945, 81, 3), (992, 81, 7), (6, 82, 7), (71, 82, 5), (123, 82, 8), (225, 82, 7), (353, 82, 8), (544, 82, 4), (733, 82, 6), (778, 82,
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(41, 88, 7), (109, 88, 5), (124, 88, 3), (351, 88, 4), (464, 88, 3), (729,
88, 7), (87, 89, 8), (480, 89, 3), (485, 89, 7), (665, 89, 3), (720, 89,
4), (946, 89, 3), (960, 89, 5), (35, 90, 5), (251, 90, 5), (349, 90, 8),
(379, 90, 6), (399, 90, 4), (403, 90, 8), (632, 90, 8), (663, 90, 8), (994, 90, 5), (155, 91, 8), (232, 91, 8), (233, 91, 5), (290, 91, 3), (548, 91, 8), (611, 91, 7), (657, 91, 6), (662, 91, 5), (693, 91, 5), (843, 91, 4), (926, 91, 6), (951, 91, 6), (982, 91, 3), (102, 92, 6), (112, 92, 3), (139, 92, 4), (456, 92, 3), (594, 92, 4), (597, 92, 3),
(921, 94, 4), (999, 94, 4), (384, 95, 8), (425, 95, 5), (470, 95, 4), (526, 95, 6), (570, 95, 4), (658, 95, 6), (734, 95, 3), (775, 95, 7),
(798, 95, 7), (862, 95, 3), (249, 96, 3), (285, 96, 8), (362, 96, 8),
(672, 96, 3), (698, 96, 5), (713, 96, 8), (780, 96, 4), (815, 96, 3),
(958, 96, 4), (49, 97, 7), (68, 97, 4), (91, 97, 8), (100, 97, 4), (241, 97, 5), (262, 97, 6), (265, 97, 8), (282, 97, 8), (314, 97, 6), (391, 97, 6), (408, 97, 8), (466, 97, 3), (475, 97, 6), (513, 97, 6), (610, 97, 7)
(892, 97, 7), (352, 98, 4), (510, 98, 6), (598, 98, 3), (683, 98, 7),
(745, 98, 7), (766, 98, 4), (312, 99, 3), (493, 99, 7), (495, 99, 5),
8) (568, 47, 8) (492, 50, 8) (405, 53, 4) (666, 54, 7) (696, 59, 5) (471, 61, 6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71, 6)
   Queue #7: (694, 28, 2)(520, 29, 4)(458, 30, 7)(489, 32, 7)(261, 34,
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8) (430, 70, 3) (418, 71, 4)
3) (722, 62, 8) (342, 65, 6) (15, 67, 6) (354, 68, 5) (792, 69, 8)

Queue #9: (884, 27, 1) (317, 29, 3) (841, 29, 7) (771, 31, 4) (48, 33,
6) (859, 34, 8) (877, 37, 8) (486, 40, 8) (120, 43, 5) (453, 44, 4) (560, 45, 5) (130, 47, 3) (550, 48, 6) (483, 50, 5) (605, 52, 6) (331, 54, 3) (541, 55,
8) (22, 62, 8) (445, 64, 4) (848, 65, 8) (21, 68, 6) (759, 69, 6) (459, 71, 7)
Queue #12: (747, 28, 7) (642, 30, 5) (329, 32, 7) (99, 34, 3) (964, 34, 8) (169, 38, 8) (357, 41, 6) (768, 42, 7) (833, 44, 8) (157, 47, 8) (970, 49, 3) (478, 51, 6) (270, 53, 3) (447, 54, 8) (287, 59, 4) (375, 60, 3) (259, 62, 3) (997, 62, 6) (412, 65, 7) (518, 67, 7) (569, 69, 5) (634, 70, 8)
8) (556, 62, 8) (25, 65, 3) (137, 66, 5) (549, 67, 6) (20, 69, 4) (857, 69, 8)
5) (538, 35, 7) (40, 38, 8) (898, 40, 5) (17, 42, 7) (163, 44, 3) (347, 45,
7) (674, 38, 7) (465, 41, 4) (110, 42, 3) (386, 43, 6) (355, 45, 3) (78, 46,
7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69,
5) (699, 67, 8) (959, 69, 5) (574, 71, 4)
3) (980, 35, 4) (571, 37, 5) (853, 38, 5) (240, 41, 5) (74, 42, 5) (599, 43, 4) (247, 45, 4) (305, 46, 7) (752, 48, 4) (552, 49, 6) (24, 52, 5) (712, 53,
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7) (152, 37, 4) (356, 38, 8) (420, 41, 5) (158, 42, 5) (3, 44, 7) (595, 46,
3) (721, 71, 4)
     Number of clients: 1000
6), (451, 75, 8), (468, 75, 6), (540, 75, 4), (573, 75, 8), (718, 75, 8),
(824, 75, 3), (831, 75, 3), (89, 76, 8), (209, 76, 7), (436, 76, 4), (612, 76, 5), (635, 76, 8), (743, 76, 8), (754, 76, 5), (804, 76, 8), (816, 76, 4), (844, 76, 5), (912, 76, 5), (922, 76, 3), (92, 77, 3), (142, 77, 4), (229, 77, 8), (230, 77, 3), (346, 77, 8), (432, 77, 7), (472, 77, 5),
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86, 5), (94, 86, 4), (101, 86, 6), (306, 86, 7), (409, 86, 7), (498, 86,
88, 5), (124, 88, 3), (351, 88, 4), (464, 88, 3), (729, 88, 7), (87, 89,
8), (480, 89, 3), (485, 89, 7), (665, 89, 3), (720, 89, 4), (946, 89, 3), (960, 89, 5), (35, 90, 5), (251, 90, 5), (349, 90, 8), (379, 90, 6), (399, 90, 4), (403, 90, 8), (632, 90, 8), (663, 90, 8), (994, 90, 5), (155, 91, 8), (232, 91, 8), (233, 91, 5), (290, 91, 3), (548, 91, 8), (611, 91, 7),
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8), (282, 97, 8), (314, 97, 6), (391, 97, 6), (408, 97, 8), (466, 97, (475, 97, 6), (513, 97, 6), (610, 97, 7), (651, 97, 7), (688, 97, 7), (737, 97, 5), (799, 97, 6), (860, 97, 7), (892, 97, 7), (352, 98, 4),
 (510, 98, 6), (598, 98, 3), (683, 98, 7), (745, 98, 7), (766, 98, 4),
6) (840, 37, 4) (83, 39, 4) (913, 39, 7) (330, 42, 5) (62, 44, 7) (732, 46,
6) (36, 48, 8) (726, 50, 3) (504, 52, 8) (619, 54, 6) (719, 58, 6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67, 7) (410, 69, 4) (114, 70, 5) (757, 71,
6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71, 6)
5) (967, 45, 7) (170, 48, 5) (797, 49, 7) (932, 52, 3) (422, 53, 8) (741, 56, 6) (318, 60, 3) (143, 62, 5) (567, 63, 3) (755, 64, 8) (364, 67, 4) (227, 68, 8) (414, 70, 7) (444, 72, 8)
8) (818, 61, 5) (300, 63, 8) (394, 66, 8) (308, 68, 4) (649, 69, 6) (98, 71, 7)
8) (430, 70, 3) (418, 71, 4) (533, 72, 4)
6) (846, 37, 4) (286, 39, 4) (303, 40, 7) (625, 42, 3) (530, 43, 6) (514, 45,
5) (43, 47, 6) (957, 48, 8) (620, 51, 8) (487, 54, 4) (748, 55, 8) (637, 60, 3) (722, 62, 8) (342, 65, 6) (15, 67, 6) (354, 68, 5) (792, 69, 8) (197, 72, 8) Queue #9: (317, 29, 3) (841, 29, 7) (771, 31, 4) (48, 33, 6) (859, 34,
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7) (639, 72, 3)
3) (116, 37, 6) (522, 38, 3) (572, 39, 3) (271, 41, 8) (316, 43, 5) (587, 44,
8) (22, 62, 8) (445, 64, 4) (848, 65, 8) (21, 68, 6) (759, 69, 6) (459, 71,
Queue #12: (747, 28, 6) (642, 30, 5) (329, 32, 7) (99, 34, 3) (964, 34, 8) (169, 38, 8) (357, 41, 6) (768, 42, 7) (833, 44, 8) (157, 47, 8) (970, 49, 3) (478, 51, 6) (270, 53, 3) (447, 54, 8) (287, 59, 4) (375, 60, 3) (259, 62,
3) (997, 62, 6) (412, 65, 7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72,
6) (134, 37, 6) (650, 38, 5) (555, 40, 7) (981, 42, 6) (477, 44, 3) (543, 45,
8) (556, 62, 8) (25, 65, 3) (137, 66, 5) (549, 67, 6) (20, 69, 4) (857, 69,
8) (307, 72, 3)
Queue #15: (750, 28, 5)(482, 30, 5)(18, 32, 3)(929, 32, 3)(61, 34, 5)(538, 35, 7)(40, 38, 8)(898, 40, 5)(17, 42, 7)(163, 44, 3)(347, 45,
8) (156, 71, 3) (893, 71, 5)
4) (867, 70, 5) (903, 71, 3) (835, 72, 7)
4) (717, 34, 8) (589, 37, 4) (746, 38, 4) (690, 39, 5) (801, 41, 8) (183, 44,
4) (621, 56, 6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65, 3) (681, 66, 5) (699, 67, 8) (959, 69, 5) (574, 71, 4) (654, 72, 6)
7) (500, 64, 5) (449, 66, 7) (104, 68, 3) (187, 69, 8) (345, 71, 6) (858, 72, 69, 8)
   Maximum simulation time: 200
   Number of clients: 1000
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Service time interval: [3, 9]
              Time: 73
(573, 75, 8), (718, 75, 8), (824, 75, 3), (831, 75, 3), (89, 76, 8), (209, 76, 7), (436, 76, 4), (612, 76, 5), (635, 76, 8), (743, 76, 8), (754, 76, 5), (804, 76, 8), (816, 76, 4), (844, 76, 5), (912, 76, 5), (922, 76, 3),
79, 6), (177, 79, 7), (192, 79, 5), (202, 79, 6), (239, 79, 5), (336, 79, 8), (446, 79, 6), (450, 79, 7), (645, 79, 7), (664, 79, 6), (793, 79, 8), (805, 79, 3), (854, 79, 8), (861, 79, 5), (873, 79, 8), (971, 79, 7), (37, 80, 8), (284, 80, 5), (292, 80, 7), (401, 80, 8), (407, 80, 7), (636, 80, 8), (284, 80, 5), (292, 80, 7), (401, 80, 8), (407, 80, 7), (636, 80, 8), (284, 80, 5), (292, 80, 7), (401, 80, 8), (407, 80, 7), (636, 80, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284, 80, 8), (284,
    (548, 91, 8), (611, 91, 7), (657, 91, 6), (662, 91, 5), (693, 91, 5),
                                                                 3), (139, 92, 4), (456, 92, 3), (594, 92, 4), (597, 92, 3),
  (651, 97, 7), (688, 97, 7), (737, 97, 5), (799, 97, 6), (860, 97, 7),
    (586, 99,
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3) (56, 73, 5)
6) (840, 37, 4) (83, 39, 4) (913, 39, 7) (330, 42, 5) (62, 44, 7) (732, 46,
6) (36, 48, 8) (726, 50, 3) (504, 52, 8) (619, 54, 6) (719, 58, 6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67, 7) (410, 69, 4) (114, 70, 5) (757, 71,
6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71,
6) (660, 73, 8)
8) (414, 70, 7) (444, 72, 8)
8) (905, 46, 3) (695, 47, 6) (874, 49, 6) (580, 52, 6) (276, 54, 6) (764, 56,
3) (397, 48, 3) (311, 49, 4) (584, 50, 8) (528, 53, 5) (338, 55, 4) (834, 57,
3) (722, 62, 8) (342, 65, 6) (15, 67, 6) (354, 68, 5) (792, 69, 8) (197, 72, 8)
8) (877, 37, 8) (486, 40, 8) (120, 43, 5) (453, 44, 4) (560, 45, 5) (130, 47,
3) (550, 48, 6) (483, 50, 5) (605, 52, 6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8)
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8) (865, 60, 5) (113, 63, 8) (66, 66, 4) (51, 67, 7) (756, 68, 6) (808, 70,
6) (266, 72, 8)
3) (323, 36, 8) (350, 39, 8) (779, 41, 5) (337, 43, 5) (950, 44, 3) (602, 45, 7) (769, 47, 4) (360, 49, 6) (536, 51, 6) (667, 53, 4) (739, 54, 5) (133, 58,
8) (307, 72, 3) (154, 73, 7)
6) (32, 48, 4) (363, 49, 7) (652, 51, 3) (160, 53, 6) (803, 54, 4) (173, 57,
7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69,
4) (867, 70, 5) (903, 71, 3) (835, 72, 7)
Queue #17: (524, 29, 7) (343, 31, 3) (476, 32, 4) (507, 33, 4) (717, 34, 4)
6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65, 3) (681, 66, 5) (699, 67,
8) (959, 69, 5) (574, 71, 4) (654, 72, 6)
4) (247, 45, 4) (305, 46, 7) (752, 48, 4) (552, 49, 6) (24, 52, 5) (712, 53, 4) (12, 55, 4) (822, 57, 3) (711, 59, 4) (67, 61, 7) (715, 63, 3) (175, 65,
5) (785, 66, 5) (789, 67, 5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7)
4) (659, 72, 5) (896, 73, 6)
   Arrival time interval: [10, 100]
   Time: 74
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8), (761, 80, 7), (763, 80, 5), (825, 80, 8), (917, 80, 3), (954, 80, 3),
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(737, 97, 5), (799, 97, 6), (860, 97, 7), (892, 97, 7), (352, 98, 4),
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5) (439, 38, 4) (527, 39, 5) (643, 41, 4) (369, 42, 8) (301, 45, 6) (863, 46,
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5) (46, 38, 6) (679, 39, 6) (933, 41, 3) (10, 43, 3) (986, 43, 5) (370, 45,
8) (568, 47, 8) (492, 50, 8) (405, 53, 4) (666, 54, 7) (696, 59, 5) (471, 61,
8) (414, 70, 7) (444, 72, 8) (928, 74, 3)
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8) (818, 61, 5) (300, 63, 8) (394, 66, 8) (308, 68, 4) (649, 69, 6) (98, 71,
7) (64, 73, 7)
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3) (366, 73, 5) (955, 74, 7)
5) (786, 46, 8) (86, 49, 5) (687, 50, 6) (26, 53, 5) (565, 54, 5) (108, 57,
8) (169, 38, 8) (357, 41, 6) (768, 42, 7) (833, 44, 8) (157, 47, 8) (970, 49,
3) (478, 51, 6) (270, 53, 3) (447, 54, 8) (287, 59, 4) (375, 60, 3) (259, 62,
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7) (214, 47, 7) (473, 49, 4) (505, 51, 8) (176, 54, 8) (277, 58, 5) (623, 60,
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8) (156, 71, 3) (893, 71, 5) (511, 73, 8)
Queue #16: (852, 28, 4)(904, 30, 5)(388, 32, 8)(607, 34, 5)(629, 36, 7)(674, 38, 7)(465, 41, 4)(110, 42, 3)(386, 43, 6)(355, 45, 3)(78, 46,
7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69,
4) (867, 70, 5) (903, 71, 3) (835, 72, 7)
8) (589, 37, 4) (746, 38, 4) (690, 39, 5) (801, 41, 8) (183, 44, 5) (661, 45,
8) (744, 48, 5) (72, 50, 5) (897, 51, 3) (182, 53, 5) (604, 54, 4) (621, 56, 6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65, 3) (681, 66, 5) (699, 67,
8) (959, 69, 5) (574, 71, 4) (654, 72, 6) (117, 74, 3)
      Queue #18: (148, 28, 1) (938, 29, 6) (738, 31, 5) (222, 33, 5) (723, 34,
3) (980, 35, 4) (571, 37, 5) (853, 38, 5) (240, 41, 5) (74, 42, 5) (599, 43,
4) (247, 45, 4) (305, 46, 7) (752, 48, 4) (552, 49, 6) (24, 52, 5) (712, 53,
4) (12, 55, 4) (822, 57, 3) (711, 59, 4) (67, 61, 7) (715, 63, 3) (175, 65, 5) (785, 66, 5) (789, 67, 5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 7
       Maximum simulation time: 200
       Number of clients: 1000
       Time: 75
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3) (185, 73, 6) (309, 75, 6)
4) (150, 48, 7) (484, 50, 3) (591, 51, 6) (50, 54, 4) (211, 55, 7) (795, 59, 4) (324, 61, 3) (943, 62, 6) (682, 64, 8) (279, 67, 4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 72, 8) (451, 75, 8)
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8) (414, 70, 7) (444, 72, 8) (928, 74, 3)
3)(695, 47, 6)(874, 49, 6)(580, 52, 6)(276, 54, 6)(764, 56, 8)(818, 61,
5) (300, 63, 8) (394, 66, 8) (308, 68, 4) (649, 69, 6) (98, 71, 7) (64, 73,
6) (267, 39, 5) (254, 41, 5) (97, 42, 7) (393, 44, 5) (985, 45, 4) (70, 47,
3) (418, 71, 4) (533, 72, 4) (767, 73, 7)
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8) (486, 40, 8) (120, 43, 5) (453, 44, 4) (560, 45, 5) (130, 47, 3) (550, 48,
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6) (995, 62, 6) (944, 64, 7) (42, 67, 7) (742, 68, 6) (582, 70, 7) (639, 72,
3) (366, 73, 5) (955, 74, 7)
7) (387, 73, 3) (956, 73, 3) (540, 75, 4)
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6) (650, 38, 5) (555, 40, 7) (981, 42, 6) (477, 44, 3) (543, 45, 3) (806, 46,
8) (845, 74, 4)
8) (25, 65, 3) (137, 66, 5) (549, 67, 6) (20, 69, 4) (857, 69, 8) (307, 72,
3) (154, 73, 7) (\overline{573}, 75, 8)
5) (538, 35, 7) (40, 38, 8) (898, 40, 5) (17, 42, 7) (163, 44, 3) (347, 45,
  Queue #16: (852, 28, 3)(904, 30, 5)(388, 32, 8)(607, 34, 5)(629, 36,
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4) (305, 46, 7) (752, 48, 4) (552, 49, 6) (24, 52, 5) (712, 53, 4) (12, 55, 4) (822, 57, 3) (711, 59, 4) (67, 61, 7) (715, 63, 3) (175, 65, 5) (785, 66,
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    Time: 76
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8), (314, 97, 6), (391, 97, 6), (408, 97, 8), (466, 97, 3), (475, 97, (513, 97, 6), (610, 97, 7), (651, 97, 7), (688, 97, 7), (737, 97, 5), (799, 97, 6), (860, 97, 7), (892, 97, 7), (352, 98, 4), (510, 98, 6),
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5) (700, 74, 6) (816, 76, 4)
7) (984, 70, 6) (671, 72, 8) (451, 75, 8)
5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71, 6) (660, 73,
8) (754, 76, 5)
7) (170, 48, 5) (797, 49, 7) (932, 52, 3) (422, 53, 8) (741, 56, 6) (318, 60, 3) (143, 62, 5) (567, 63, 3) (755, 64, 8) (364, 67, 4) (227, 68, 8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76, 8)
    Queue #8: (435, 30, 8)(545, 32, 7)(423, 34, 3)(704, 35, 6)(846, 37,
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3) (831, 75, 3) (844, 76, 5)
8) (486, 40, 8) (120, 43, 5) (453, 44, 4) (560, 45, 5) (130, 47, 3) (550, 48,
6) (483, 50, 5) (605, 52, 6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62,
3) (827, 71, 4) (105, 73, 4) (924, 73, 8)
Queue #10: (563, 29, 3)(226, 31, 3)(774, 31, 3)(685, 32, 3)(57, 34, 5)(947, 34, 7)(13, 38, 8)(525, 40, 8)(204, 43, 8)(523, 45, 4)(842, 46,
7) (387, 73, 3) (956, 73, 3) (540, 75, 4) (912, 76, 5)
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3) (154, 73, 7) (573, 75, 8)
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8) (156, 71, 3) (893, 71, 5) (511, 73, 8) (612, 76, 5)
6) (32, 48, 4) (363, 49, 7) (652, 51, 3) (160, 53, 6) (803, 54, 4) (173, 57,
7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69,
8) (744, 48, 5) (72, 50, 5) (897, 51, 3) (182, 53, 5) (604, 54, 4) (621, 56,
6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65, 3) (681, 66, 5) (699, 67,
8) (959, 69, 5) (574, 71, 4) (654, 72, 6) (117, 74, 3) (718, 75, 8)

Queue #18: (938, 29, 5) (738, 31, 5) (222, 33, 5) (723, 34, 3) (980, 35, 4) (571, 37, 5) (853, 38, 5) (240, 41, 5) (74, 42, 5) (599, 43, 4) (247, 45, 4) (305, 46, 7) (752, 48, 4) (552, 49, 6) (24, 52, 5) (712, 53, 4) (12, 55, 4) (122, 55, 4)
7) (974, 38, 8) (736, 41, 7) (686, 43, 8) (411, 46, 4) (258, 47, 7) (647, 49,
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8) (8, 53, 3) (781, 53, 5) (593, 55, 5) (320, 59, 7) (673, 62, 7) (500, 64,
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4) (324, 61, 3) (943, 62, 6) (682, 64, 8) (279, 67, 4) (215, 68, 3) (431, 69,
8) (754, 76, 5)
7) (170, 48, 5) (797, 49, 7) (932, 52, 3) (422, 53, 8) (741, 56, 6) (318, 60, 3) (143, 62, 5) (567, 63, 3) (755, 64, 8) (364, 67, 4) (227, 68, 8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76, 8)
4) (286, 39, 4) (303, 40, 7) (625, 42, 3) (530, 43, 6) (514, 45, 5) (43, 47, 6) (957, 48, 8) (620, 51, 8) (487, 54, 4) (748, 55, 8) (637, 60, 3) (722, 62,
3) (831, 75, 3) (844, 76, 5)
8) (486, 40, 8) (120, 43, 5) (453, 44, 4) (560, 45, 5) (130, 47, 3) (550, 48,
6) (483, 50, 5) (605, 52, 6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4)
6) (995, 62, 6) (944, 64, 7) (42, 67, 7) (742, 68, 6) (582, 70, 7) (639, 72, 3) (366, 73, 5) (955, 74, 7) (346, 77, 8)
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7) (387, 73, 3) (956, 73, 3) (540, 75, 4) (912, 76, 5)
   Queue #12: (747, 28, 1)(642, 30, 5)(329, 32, 7)(99, 34, 3)(964, 34,
8) (169, 38, 8) (357, 41, 6) (768, 42, 7) (833, 44, 8) (157, 47, 8) (970, 49, 49, 49)
6) (650, 38, 5) (555, 40, 7) (981, 42, 6) (477, 44, 3) (543, 45, 3) (806, 46,
8) (845, 74, 4) (436, 76, 4) (432, 77, 7)
8) (350, 39, 8) (779, 41, 5) (337, 43, 5) (950, 44, 3) (602, 45, 7) (769, 47, 4) (360, 49, 6) (536, 51, 6) (667, 53, 4) (739, 54, 5) (133, 58, 8) (556, 62,
8) (25, 65, 3) (137, 66, 5) (549, 67, 6) (20, 69, 4) (857, 69, 8) (307, 72,
3) (154, 73, 7) (573, 75, 8)
6) (32, 48, 4) (363, 49, 7) (652, 51, 3) (160, 53, 6) (803, 54, 4) (173, 57,
4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) Queue #17: (524, 29, 3) (343, 31, 3) (476, 32, 4) (507, 33, 4) (717, 34,
8) (744, 48, 5) (72, 50, 5) (897, 51, 3) (182, 53, 5) (604, 54, 4) (621, 56,
6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65, 3) (681, 66, 5) (699, 67,
8) (959, 69, 5) (574, 71, 4) (654, 72, 6) (117, 74, 3) (718, 75, 8)
Queue #18: (938, 29, 4) (738, 31, 5) (222, 33, 5) (723, 34, 3) (980, 35, 4) (571, 37, 5) (853, 38, 5) (240, 41, 5) (74, 42, 5) (599, 43, 4) (247, 45, 4) (305, 46, 7) (752, 48, 4) (552, 49, 6) (24, 52, 5) (712, 53, 4) (12, 55,
5) (789, 67, 5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75,
3) (804, 76, 8)
3) (635, 76, 8)
  Number of clients: 1000
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Time: 78
(805, 79, 3), (854, 79, 8), (861, 79, 5), (873, 79, 8), (971, 79, 7), (37, 80, 8), (284, 80, 5), (292, 80, 7), (401, 80, 8), (407, 80, 7), (636, 80, 7), (678, 80, 8), (761, 80, 7), (763, 80, 5), (825, 80, 8), (917, 80, 3),
82, 8), (225, 82, 7), (353, 82, 8), (544, 82, 4), (733, 82, 6), (778, 82,
(812, 92, 3), (829, 92, 8), (218, 93, 5), (280, 93, 8), (294, 93, 6),
 (376, 93, 6), (413, 93, 5), (519, 93, 8), (706, 93, 8), (710, 93, 3),
 (798, 95, 7), (862, 95, 3), (249, 96, 3), (285, 96, 8), (362, 96, 8),
(958, 96, 4), (49, 97, 7), (68, 97, 4), (91, 97, 8), (100, 97, 4), (241, 97, 5), (262, 97, 6), (265, 97, 8), (282, 97, 8), (314, 97, 6), (391, 97, 6), (408, 97, 8), (466, 97, 3), (475, 97, 6), (513, 97, 6), (610, 97, 7), (651, 97, 7), (688, 97, 7), (737, 97, 5), (799, 97, 6), (860, 97, 7), (892, 97, 7), (352, 98, 4), (510, 98, 6), (598, 98, 3), (683, 98, 7),
5) (700, 74, 6) (816, 76, 4) (885, 77, 5)
8) (726, 50, 3) (504, 52, 8) (619, 54, 6) (719, 58, 6) (201, 61, 3) (856, 62,
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5) (439, 38, 4) (527, 39, 5) (643, 41, 4) (369, 42, 8) (301, 45, 6) (863, 46, 4) (150, 48, 7) (484, 50, 3) (591, 51, 6) (50, 54, 4) (211, 55, 7) (795, 59,
4) (324, 61, 3) (943, 62, 6) (682, 64, 8) (279, 67, 4) (215, 68, 3) (431, 69,
7) (984, 70, 6) (671, 72, 8) (451, 75, 8) (902, 77, 8)
8) (754, 76, 5) (38, 78, 4)
Queue #7: (458, 30, 6)(489, 32, 7)(261, 34, 7)(551, 37, 6)(267, 39, 5)(254, 41, 5)(97, 42, 7)(393, 44, 5)(985, 45, 4)(70, 47, 3)(397, 48,
8) (486, 40, 8) (120, 43, 5) (453, 44, 4) (560, 45, 5) (130, 47, 3) (550, 48,
6) (483, 50, 5) (605, 52, 6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62,
7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6)
3) (956, 73, 3) (540, 75, 4) (912, 76, 5) (890, 78, 7)
8) (357, 41, 6) (768, 42, 7) (833, 44, 8) (157, 47, 8) (970, 49, 3) (478, 51,
6) (270, 53, 3) (447, 54, 8) (287, 59, 4) (375, 60, 3) (259, 62, 3) (997, 62, 6) (412, 65, 7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5)
6) (650, 38, 5) (555, 40, 7) (981, 42, 6) (477, 44, 3) (543, 45, 3) (806, 46,
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8) (350, 39, 8) (779, 41, 5) (337, 43, 5) (950, 44, 3) (602, 45, 7) (769, 47, 4) (360, 49, 6) (536, 51, 6) (667, 53, 4) (739, 54, 5) (133, 58, 8) (556, 62,
3) (154, 73, 7) (573, 75, 8) (129, 78, 5)
8) (959, 69, 5) (574, 71, 4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78,
4) (571, 37, 5) (853, 38, 5) (240, 41, 5) (74, 42, 5) (599, 43, 4) (247, 45, 4) (305, 46, 7) (752, 48, 4) (552, 49, 6) (24, 52, 5) (712, 53, 4) (12, 55, 4) (822, 57, 3) (711, 59, 4) (67, 61, 7) (715, 63, 3) (175, 65, 5) (785, 66,
3) (804, 76, 8)
8) (8, 53, 3) (781, 53, 5) (593, 55, 5) (320, 59, 7) (673, 62, 7) (500, 64,
   Time: 79
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(787, 85, 4), (814, 85, 3), (894, 85, 3), (75, 86, 6), (77, 86, 5), (94,
86, 4), (101, 86, 6), (306, 86, 7), (409, 86, 7), (498, 86, 4), (640, 86,
88, 3), (351, 88, 4), (464, 88, 3), (729, 88, 7), (87, 89, 8), (480, 89,
3), (485, 89, 7), (665, 89, 3), (720, 89, 4), (946, 89, 3), (960, 89, 5), (35, 90, 5), (251, 90, 5), (349, 90, 8), (379, 90, 6), (399, 90, 4), (403,
(425, 95, 5), (470, 95, 4), (526, 95, 6), (570, 95, 4), (658, 95, 6),
Queue #2: (618, 29, 2)(577, 31, 7)(714, 33, 6)(547, 35, 6)(840, 37, 4)(83, 39, 4)(913, 39, 7)(330, 42, 5)(62, 44, 7)(732, 46, 6)(36, 48,
3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7)
8) (492, 50, 8) (405, 53, 4) (666, 54, 7) (696, 59, 5) (471, 61, 6) (564, 63,
8) (754, 76, 5) (38, 78, 4) (202, 79, 6)
Queue #5: (179, 30, 4) (328, 32, 4) (361, 33, 5) (839, 34, 5) (868, 36,
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3) (311, 49, 4) (584, 50, 8) (528, 53, 5) (338, 55, 4) (834, 57, 3) (33, 60,
4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3)
4) (286, 39, 4) (303, 40, 7) (625, 42, 3) (530, 43, 6) (514, 45, 5) (43, 47, 6) (957, 48, 8) (620, 51, 8) (487, 54, 4) (748, 55, 8) (637, 60, 3) (722, 62,
3) (831, 75, 3) (844, 76, 5) (796, 78, 8)
6) (483, 50, 5) (605, 52, 6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8)
8) (357, 41, 6) (768, 42, 7) (833, 44, 8) (157, 47, 8) (970, 49, 3) (478, 51, 6) (270, 53, 3) (447, 54, 8) (287, 59, 4) (375, 60, 3) (259, 62, 3) (997, 62,
   Queue #13: (881, 29, 1) (334, 31, 5) (925, 32, 6) (534, 34, 6) (134, 37,
6) (650, 38, 5) (555, 40, 7) (981, 42, 6) (477, 44, 3) (543, 45, 3) (806, 46,
Queue #15: (482, 30, 3)(18, 32, 3)(929, 32, 3)(61, 34, 5)(538, 35, 7)(40, 38, 8)(898, 40, 5)(17, 42, 7)(163, 44, 3)(347, 45, 7)(214, 47,
3) (893, 71, 5) (511, 73, 8) (612, 76, 5) (474, 77, 8) (861, 79, 5)
7) (465, 41, 4) (110, 42, 3) (386, 43, 6) (355, 45, 3) (78, 46, 6) (32, 48, 4) (363, 49, 7) (652, 51, 3) (160, 53, 6) (803, 54, 4) (173, 57, 7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69, 4) (867, 70,
6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65, 3) (681, 66, 5) (699, 67,
```



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4) (571, 37, 5) (853, 38, 5) (240, 41, 5) (74, 42, 5) (599, 43, 4) (247, 45, 4) (305, 46, 7) (752, 48, 4) (552, 49, 6) (24, 52, 5) (712, 53, 4) (12, 55,
5) (789, 67, 5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75,
3) (804, 76, 8) (192, 79, 5)
   Time: 80
88, 7), (87, 89, 8), (480, 89, 3), (485, 89, 7), (665, 89, 3), (720, 89,
4), (946, 89, 3), (960, 89, 5), (35, 90, 5), (251, 90, 5), (349, 90, 8), (379, 90, 6), (399, 90, 4), (403, 90, 8), (632, 90, 8), (663, 90, 8), (994, 90, 5), (155, 91, 8), (232, 91, 8), (233, 91, 5), (290, 91, 3),
(921, 94, 4), (999, 94, 4), (384, 95, 8), (425, 95, 5), (470, 95, 4),
               7), (491, 96, 8), (617, 96, 5), (631, 96, 4), (633, 96, 8),
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(958, 96, 4), (49, 97, 7), (68, 97, 4), (91, 97, 8), (100, 97, 4), (241, 97, 5), (262, 97, 6), (265, 97, 8), (282, 97, 8), (314, 97, 6), (391, 97, 6), (408, 97, 8), (466, 97, 3), (475, 97, 6), (513, 97, 6), (610, 97, 7), (651, 97, 7), (688, 97, 7), (737, 97, 5), (799, 97, 6), (860, 97, 7),
7) (484, 50, 3) (591, 51, 6) (50, 54, 4) (211, 55, 7) (795, 59, 4) (324, 61, 3) (943, 62, 6) (682, 64, 8) (279, 67, 4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 72, 8) (451, 75, 8) (902, 77, 8) (873, 79, 8)
6) (933, 41, 3) (10, 43, 3) (986, 43, 5) (370, 45, 8) (568, 47, 8) (492, 50,
7) (358, 39, 3) (207, 40, 3) (648, 41, 4) (554, 42, 6) (263, 44, 8) (905, 46, 3) (695, 47, 6) (874, 49, 6) (580, 52, 6) (276, 54, 6) (764, 56, 8) (818, 61, 5) (300, 63, 8) (394, 66, 8) (308, 68, 4) (649, 69, 6) (98, 71, 7) (64, 73,
5) (254, 41, 5) (97, 42, 7) (393, 44, 5) (985, 45, 4) (70, 47, 3) (397, 48,
4) (830, 61, 8) (275, 64, 7) (855, 66, 6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80,
8) (342, 65, 6) (15, 67, 6) (354, 68, 5) (792, 69, 8) (197, 72, 8) (730, 74,
3) (831, 75, 3) (844, 76, 5) (796, 78, 8) (407, 80, 7)
8) (486, 40, 8) (120, 43, 5) (453, 44, 4) (560, 45, 5) (130, 47, 3) (550, 48, 6) (483, 50, 5) (605, 52, 6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71,
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8) (445, 64, 4) (848, 65, 8) (21, 68, 6) (759, 69, 6) (459, 71, 7) (387, 73,
3) (956, 73, 3) (540, 75, 4) (912, 76, 5) (890, 78, 7) (971, 79, 7)
8) (357, 41, 6) (768, 42, 7) (833, 44, 8) (157, 47, 8) (970, 49, 3) (478, 51, 6) (270, 53, 3) (447, 54, 8) (287, 59, 4) (375, 60, 3) (259, 62, 3) (997, 62, 6) (412, 65, 7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74, 75)
   Queue #13: (334, 31, 5) (925, 32, 6) (534, 34, 6) (134, 37, 6) (650, 38,
8) (25, 65, 3) (137, 66, 5) (549, 67, 6) (20, 69, 4) (857, 69, 8) (307, 72,
3) (154, 73, 7) (573, 75, 8) (129, 78, 5) (450, 79, 7) (988, 80, 5)

Queue #15: (482, 30, 2) (18, 32, 3) (929, 32, 3) (61, 34, 5) (538, 35, 7) (40, 38, 8) (898, 40, 5) (17, 42, 7) (163, 44, 3) (347, 45, 7) (214, 47,
4) (363, 49, 7) (652, 51, 3) (160, 53, 6) (803, 54, 4) (173, 57, 7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69, 4) (867, 70,
7) (763, 80, 5)
   Queue #17: (343, 31, 3)(476, 32, 4)(507, 33, 4)(717, 34, 8)(589, 37,
8) (145, 79, 8) (825, 80, 8)
5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7)
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88, 5), (124, 88, 3), (351, 88, 4), (464, 88, 3), (729, 88, 7), (87, 89,
8), (480, 89, 3), (485, 89, 7), (665, 89, 3), (720, 89, 4), (946, 89, 3),
(960, 89, 5), (35, 90, 5), (251, 90, 5), (349, 90, 8), (379, 90, 6), (399, 90, 4), (403, 90, 8), (632, 90, 8), (663, 90, 8), (994, 90, 5), (155, 91, 8), (232, 91, 8), (233, 91, 5), (290, 91, 3), (548, 91, 8), (611, 91, 7),
(658, 95, 6), (734, 95, 3), (775, 95, 7), (798, 95, 7), (862, 95, 3),
Queue #2: (577, 31, 7)(714, 33, 6)(547, 35, 6)(840, 37, 4)(83, 39, 4)(913, 39, 7)(330, 42, 5)(62, 44, 7)(732, 46, 6)(36, 48, 8)(726, 50, 3)(504, 52, 8)(619, 54, 6)(719, 58, 6)(201, 61, 3)(856, 62, 7)(341, 65,
6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8)
7) (484, 50, 3) (591, 51, 6) (50, 54, 4) (211, 55, 7) (795, 59, 4) (324, 61,
```



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5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76,
5) (38, 78, 4) (202, 79, 6) (678, 80, 8)
3) (624, 81, 3)
6) (230, 77, 3) (245, 78, 8) (401, 80, 8)
8) (486, 40, 8) (120, 43, 5) (453, 44, 4) (560, 45, 5) (130, 47, 3) (550, 48, 6) (483, 50, 5) (605, 52, 6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62,
8) (876, 81, 4)
7) (13, 38, 8) (525, 40, 8) (204, 43, 8) (523, 45, 4) (842, 46, 7) (991, 48,
5) (955, 74, 7) (346, 77, 8) (793, 79, 8) (457, 81, 3)
6) (412, 65, 7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74,
Queue #13: (334, 31, 4) (925, 32, 6) (534, 34, 6) (134, 37, 6) (650, 38, 5) (555, 40, 7) (981, 42, 6) (477, 44, 3) (543, 45, 3) (806, 46, 7) (935, 48, 4) (996, 49, 6) (851, 52, 3) (332, 53, 8) (566, 56, 8) (865, 60, 5) (113, 63,
   Queue #14: (716, 31, 8)(82, 34, 4)(385, 35, 3)(323, 36, 8)(350, 39,
6) (536, 51, 6) (667, 53, 4) (739, 54, 5) (133, 58, 8) (556, 62, 8) (25, 65,
```



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Queue #15: (482, 30, 1)(18, 32, 3)(929, 32, 3)(61, 34, 5)(538, 35, 7)(40, 38, 8)(898, 40, 5)(17, 42, 7)(163, 44, 3)(347, 45, 7)(214, 47,
5) (45, 65, 3) (195, 66, 5) (557, 67, 3) (95, 68, 3) (80, 69, 8) (156, 71,
3) (893, 71, 5) (511, 73, 8) (612, 76, 5) (474, 77, 8) (861, 79, 5) (106, 81,
7) (465, 41, 4) (110, 42, 3) (386, 43, 6) (355, 45, 3) (78, 46, 6) (32, 48, 4) (363, 49, 7) (652, 51, 3) (160, 53, 6) (803, 54, 4) (173, 57, 7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69, 4) (867, 70,
5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4)
    Maximum simulation time: 200
    Time: 82
(321, 85, 7), (558, 85, 8), (644, 85, 7), (727, 85, 3), (787, 85, 4), (814, 85, 3), (894, 85, 3), (75, 86, 6), (77, 86, 5), (94, 86, 4), (101, 86, 6), (306, 86, 7), (409, 86, 7), (498, 86, 4), (640, 86, 6), (819, 86, 4), (838, 86, 8), (864, 86, 5), (939, 86, 7), (976, 86, 3), (977, 86, 6),
7), (665, 89, 3), (720, 89, 4), (946, 89, 3), (960, 89, 5), (35, 90, 5),
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(982, 91, 3), (102, 92, 6), (112, 92, 3), (139, 92, 4), (456, 92, 3),
(280, 93, 8), (294, 93, 6), (376, 93, 6), (413, 93, 5), (519, 93, 8),
(734, 95, 3), (775, 95, 7), (798, 95, 7), (862, 95, 3), (249, 96, 3),
97, 8), (100, 97, 4), (241, 97, 5), (262, 97, 6), (265, 97, 8), (282, 8), (314, 97, 6), (391, 97, 6), (408, 97, 8), (466, 97, 3), (475, 97, (513, 97, 6), (610, 97, 7), (651, 97, 7), (688, 97, 7), (737, 97, 5),
(799, 97, 6), (860, 97, 7), (892, 97, 7), (352, 98, 4), (510, 98, 6),
(598, 98, 3), (683, 98, 7), (745, 98, 7), (766, 98, 4), (312, 99, 3),
3) (943, 62, 6) (682, 64, 8) (279, 67, 4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 72, 8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7)
3) (624, 81, 3)
                                                                                       3) (418,
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8) (342, 65, 6) (15, 67, 6) (354, 68, 5) (792, 69, 8) (197, 72, 8) (730, 74,
3) (831, 75, 3) (844, 76, 5) (796, 78, 8) (407, 80, 7) (71, 82, 5)
8) (120, 43, 5) (453, 44, 4) (560, 45, 5) (130, 47, 3) (550, 48, 6) (483, 50, 5) (605, 52, 6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71,
3) (540, 75, 4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8)

Queue #12: (642, 30, 1) (329, 32, 7) (99, 34, 3) (964, 34, 8) (169, 38,

8) (357, 41, 6) (768, 42, 7) (833, 44, 8) (157, 47, 8) (970, 49, 3) (478, 51,
8) (779, 41, 5) (337, 43, 5) (950, 44, 3) (602, 45, 7) (769, 47, 4) (360, 49,
8) (898, 40, 5) (17, 42, 7) (163, 44, 3) (347, 45, 7) (214, 47, 7) (473, 49,
8) (225, 82, 7)
   Queue #18: (738, 31, 4)(222, 33, 5)(723, 34, 3)(980, 35, 4)(571, 37,
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8) (192, 79, 5) (284, 80, 5) (455, 81, 4)
8) (145, 79, 8) (825, 80, 8)
5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7)
    Arrival time interval: [10, 100]
    Time: 83
(814, 85, 3), (894, 85, 3), (75, 86, 6), (77, 86, 5), (94, 86, 4), (101, 86, 6), (306, 86, 7), (409, 86, 7), (498, 86, 4), (640, 86, 6), (819, 86,
88, 4), (464, 88, 3), (729, 88, 7), (87, 89, 8), (480, 89, 3), (485, 89,
(251, 90, 5), (349, 90, 8), (379, 90, 6), (399, 90, 4), (403, 90, 8), (632, 90, 8), (663, 90, 8), (994, 90, 5), (155, 91, 8), (232, 91, 8), (233, 91, 5), (290, 91, 3), (548, 91, 8), (611, 91, 7), (657, 91, 6), (662, 91, 5), (693, 91, 5), (843, 91, 4), (926, 91, 6), (951, 91, 6),
(780, 96, 4), (815, 96, 3), (958, 96, 4), (49, 97, 7), (68, 97, 4), (91, 97, 8), (100, 97, 4), (241, 97, 5), (262, 97, 6), (265, 97, 8), (282, 97, 8), (314, 97, 6), (391, 97, 6), (408, 97, 8), (466, 97, 3), (475, 97, 6), (513, 97, 6), (610, 97, 7), (651, 97, 7), (688, 97, 7), (737, 97, 5),
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```
7) (800, 66, 8) (417, 68, 8) (979, 70, 4) (989, 71, 3) (56, 73, 5) (700, 74, 6) (816, 76, 4) (885, 77, 5) (336, 79, 8) (167, 81, 6)
   Queue #2: (577, 31, 5)(714, 33, 6)(547, 35, 6)(840, 37, 4)(83, 39,
7) (76, 67, 7) (410, 69, 4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8)
5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4)
3) (677, 83, 7)
8) (394, 66, 8) (308, 68, 4) (649, 69, 6) (98, 71, 7) (64, 73, 7) (468, 75, 6) (230, 77, 3) (245, 78, 8) (401, 80, 8) (353, 82, 8)
3) (311, 49, 4) (584, 50, 8) (528, 53, 5) (338, 55, 4) (834, 57, 3) (33, 60,
8) (120, 43, 5) (453, 44, 4) (560, 45, 5) (130, 47, 3) (550, 48, 6) (483, 50, 5) (605, 52, 6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62, 7) (383, 64,
8) (525, 40, 8) (204, 43, 8) (523, 45, 4) (842, 46, 7) (991, 48, 7) (531, 51,
```



```
6) (768, 42, 7) (833, 44, 8) (157, 47, 8) (970, 49, 3) (478, 51, 6) (270, 53,
3) (447, 54, 8) (287, 59, 4) (375, 60, 3) (259, 62, 3) (997, 62, 6) (412, 65, 7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8)
5) (555, 40, 7) (981, 42, 6) (477, 44, 3) (543, 45, 3) (806, 46, 7) (935, 48,
5) (511, 73, 8) (612, 76, 5) (474, 77, 8) (861, 79, 5) (106, 81, 5) (29, 83, 8)
4) (110, 42, 3) (386, 43, 6) (355, 45, 3) (78, 46, 6) (32, 48, 4) (363, 49,
7) (652, 51, 3) (160, 53, 6) (803, 54, 4) (173, 57, 7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80,
5) (945, 81, 3) (949, 83, 8)
6) (613, 63, 5) (777, 65, 3) (681, 66, 5) (699, 67, 8) (959, 69, 5) (574, 71, 4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7)
3) (711, 59, 4) (67, 61, 7) (715, 63, 3) (175, 65, 5) (785, 66, 5) (789, 67,
5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7)
   Arrival time interval: [10, 100]
   Service time interval: [3, 9]
   Time: 84
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```
87, 7), (421, 87, 5), (517, 87, 8), (601, 87, 4), (813, 87, 5), (820, 87,
5), (41, 88, 7), (109, 88, 5), (124, 88, 3), (351, 88, 4), (464, 88, 3),
(729, 88, 7), (87, 89, 8), (480, 89, 3), (485, 89, 7), (665, 89, 3), (720, 89, 4), (946, 89, 3), (960, 89, 5), (35, 90, 5), (251, 90, 5), (349, 90, 8), (379, 90, 6), (399, 90, 4), (403, 90, 8), (632, 90, 8), (663, 90, 8),
(548, 91, 8), (611, 91, 7), (657, 91, 6), (662, 91, 5), (693, 91, 5),
(437, 94, 4), (562, 94, 6), (702, 94, 4), (869, 94, 8), (919, 94, 6),
(798, 95, 7), (862, 95, 3), (249, 96, 3), (285, 96, 8), (362, 96, 8), (367, 96, 7), (491, 96, 8), (617, 96, 5), (631, 96, 4), (633, 96, 8), (672, 96, 3), (698, 96, 5), (713, 96, 8), (780, 96, 4), (815, 96, 3),
   Queue #1: (248, 32, 4)(559, 33, 8)(161, 36, 4)(653, 37, 8)(891, 39,
7) (800, 66, 8) (417, 68, 8) (979, 70, 4) (989, 71, 3) (56, 73, 5) (700, 74, 6) (816, 76, 4) (885, 77, 5) (336, 79, 8) (167, 81, 6) (171, 84, 6)
6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5)
Queue #3: (987, 30, 3) (295, 33, 7) (581, 35, 3) (809, 36, 5) (439, 38,
6) (671, 72, 8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4)
                                                                                                  (624, 81,
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(24)

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3) (207, 40, 3) (648, 41, 4) (554, 42, 6) (263, 44, 8) (905, 46, 3) (695, 47, 6) (874, 49, 6) (580, 52, 6) (276, 54, 6) (764, 56, 8) (818, 61, 5) (300, 63, 8) (394, 66, 8) (308, 68, 4) (649, 69, 6) (98, 71, 7) (64, 73, 7) (468, 75,
6) (230, 77, 3) (245, 78, 8) (401, 80, 8) (353, 82, 8)
5) (97, 42, 7) (393, 44, 5) (985, 45, 4) (70, 47, 3) (397, 48, 3) (311, 49,
4) (584, 50, 8) (528, 53, 5) (338, 55, 4) (834, 57, 3) (33, 60, 4) (830, 61, 8) (275, 64, 7) (855, 66, 6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82,
4) (289, 84, 4)
3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71,
4) (184, 84, 7)
3) (540, 75, 4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8)
6) (768, 42, 7) (833, 44, 8) (157, 47, 8) (970, 49, 3) (478, 51, 6) (270, 53,
3) (447, 54, 8) (287, 59, 4) (375, 60, 3) (259, 62, 3) (997, 62, 6) (412, 65, 7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8)
5) (555, 40, 7) (981, 42, 6) (477, 44, 3) (543, 45, 3) (806, 46, 7) (935, 48,
8) (66, 66, 4) (51, 67, 7) (756, 68, 6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84,
7) (573, 75, 8) (129, 78, 5) (450, 79, 7) (988, 80, 5) (778, 82, 8)
8) (898, 40, 5) (17, 42, 7) (163, 44, 3) (347, 45, 7) (214, 47, 7) (473, 49,
3) (195, 66, 5) (557, 67, 3) (95, 68, 3) (80, 69, 8) (156, 71, 3) (893, 71, 5) (511, 73, 8) (612, 76, 5) (474, 77, 8) (861, 79, 5) (106, 81, 5) (29, 83, 8)
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6) (613, 63, 5) (777, 65, 3) (681, 66, 5) (699, 67, 8) (959, 69, 5) (574, 71,
4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82,
5) (853, 38, 5) (240, 41, 5) (74, 42, 5) (599, 43, 4) (247, 45, 4) (305, 46, 7) (752, 48, 4) (552, 49, 6) (24, 52, 5) (712, 53, 4) (12, 55, 4) (822, 57, 3) (711, 59, 4) (67, 61, 7) (715, 63, 3) (175, 65, 5) (785, 66, 5) (789, 67,
8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7)
3) (781, 53, 5) (593, 55, 5) (320, 59, 7) (673, 62, 7) (500, 64, 5) (449, 66, 7) (104, 68, 3) (187, 69, 8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4)
   Maximum simulation time: 200
(819, 86, 4), (838, 86, 8), (864, 86, 5), (939, 86, 7), (976, 86, 3), (977, 86, 6), (2, 87, 4), (52, 87, 7), (54, 87, 5), (58, 87, 8), (96, 87, 4), (191, 87, 6), (198, 87, 7), (219, 87, 7), (421, 87, 5), (517, 87, 8),
90, 8), (632, 90, 8), (663, 90, 8), (994, 90, 5), (155, 91, 8), (232, 91,
 (285, 96, 8), (362, 96, 8), (367, 96, 7), (491, 96, 8), (617, 96, 5),
```



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5) (44, 54, 7) (689, 56, 3) (443, 59, 5) (93, 61, 5) (210, 63, 3) (936, 63, 7) (800, 66, 8) (417, 68, 8) (979, 70, 4) (989, 71, 3) (56, 73, 5) (700, 74, 6) (816, 76, 4) (885, 77, 5) (336, 79, 8) (167, 81, 6) (171, 84, 6) (727, 85,
6) (671, 72, 8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4)
5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4)
5) (567, 63, 3) (755, 64, 8) (364, 67, 4) (227, 68, 8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81,
   Queue #6: (608, 31, 1)(990, 32, 5)(256, 34, 7)(302, 37, 7)(358, 39,
8) (394, 66, 8) (308, 68, 4) (649, 69, 6) (98, 71, 7) (64, 73, 7) (468, 75, 6) (230, 77, 3) (245, 78, 8) (401, 80, 8) (353, 82, 8) (894, 85, 3)
6) (15, 67, 6) (354, 68, 5) (792, 69, 8) (197, 72, 8) (730, 74, 3) (831, 75,
3) (844, 76, 5) (796, 78, 8) (407, 80, 7) (71, 82, 5) (372, 84, 8)
8) (120, 43, 5) (453, 44, 4) (560, 45, 5) (130, 47, 3) (550, 48, 6) (483, 50, 5) (605, 52, 6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71,
4) (184, 84, 7)
```



```
3) (540, 75, 4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8) (313, 85,
6) (768, 42, 7) (833, 44, 8) (157, 47, 8) (970, 49, 3) (478, 51, 6) (270, 53, 3) (447, 54, 8) (287, 59, 4) (375, 60, 3) (259, 62, 3) (997, 62, 6) (412, 65, 7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8)
6) (536, 51, 6) (667, 53, 4) (739, 54, 5) (133, 58, 8) (556, 62, 8) (25, 65,
  Queue #15: (929, 32, 3)(61, 34, 5)(538, 35, 7)(40, 38, 8)(898, 40,
5) (17, 42, 7) (163, 44, 3) (347, 45, 7) (214, 47, 7) (473, 49, 4) (505, 51,
7) (652, 51, 3) (160, 53, 6) (803, 54, 4) (173, 57, 7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80,
5) (945, 81, 3) (949, 83, 8)
   Queue #17: (476, 32, 2)(507, 33, 4)(717, 34, 8)(589, 37, 4)(746, 38,
5) (897, 51, 3) (182, 53, 5) (604, 54, 4) (621, 56, 6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65, 3) (681, 66, 5) (699, 67, 8) (959, 69, 5) (574, 71, 4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82,
5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7)
3) (781, 53, 5) (593, 55, 5) (320, 59, 7) (673, 62, 7) (500, 64, 5) (449, 66,
7) (104, 68, 3) (187, 69, 8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4)
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Number of clients: 1000
(829, 92, 8), (218, 93, 5), (280, 93, 8), (294, 93, 6), (376, 93, 6),
97, 7), (68, 97, 4), (91, 97, 8), (100, 97, 4), (241, 97, 5), (262, 97, 6), (265, 97, 8), (282, 97, 8), (314, 97, 6), (391, 97, 6), (408, 97, 8), (466, 97, 3), (475, 97, 6), (513, 97, 6), (610, 97, 7), (651, 97, 7), (688, 97, 7), (737, 97, 5), (799, 97, 6), (860, 97, 7), (892, 97, 7),
4) (913, 39, 7) (330, 42, 5) (62, 44, 7) (732, 46, 6) (36, 48, 8) (726, 50, 3) (504, 52, 8) (619, 54, 6) (719, 58, 6) (201, 61, 3) (856, 62, 7) (341, 65,
6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6)
4) (527, 39, 5) (643, 41, 4) (369, 42, 8) (301, 45, 6) (863, 46, 4) (150, 48,
7) (484, 50, 3) (591, 51, 6) (50, 54, 4) (211, 55, 7) (795, 59, 4) (324, 61, 3) (943, 62, 6) (682, 64, 8) (279, 67, 4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 72, 8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84,
4) (819, 86, 4)
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7) (914, 39, 7) (509, 42, 3) (499, 43, 3) (238, 44, 5) (967, 45, 7) (170, 48, 5) (797, 49, 7) (932, 52, 3) (422, 53, 8) (741, 56, 6) (318, 60, 3) (143, 62, 5) (567, 63, 3) (755, 64, 8) (364, 67, 4) (227, 68, 8) (414, 70, 7) (444, 72,
8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81,
3) (677, 83, 7) (814, 85, 3) (864, 86, 5)
3) (648, 41, 4) (554, 42, 6) (263, 44, 8) (905, 46, 3) (695, 47, 6) (874, 49, 6) (580, 52, 6) (276, 54, 6) (764, 56, 8) (818, 61, 5) (300, 63, 8) (394, 66,
8) (275, 64, 7) (855, 66, 6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82,
8) (620, 51, 8) (487, 54, 4) (748, 55, 8) (637, 60, 3) (722, 62, 8) (342, 65,
8) (793, 79, 8) (457, 81, 3) (733, 82, 6) (826, 84, 7)
3) (572, 39, 3) (271, 41, 8) (316, 43, 5) (587, 44, 5) (786, 46, 8) (86, 49,
5) (687, 50, 6) (26, 53, 5) (565, 54, 5) (108, 57, 8) (22, 62, 8) (445, 64, 4) (848, 65, 8) (21, 68, 6) (759, 69, 6) (459, 71, 7) (387, 73, 3) (956, 73,
3) (409, 86, 7)
7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8)
6) (851, 52, 3) (332, 53, 8) (566, 56, 8) (865, 60, 5) (113, 63, 8) (66, 66,
4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86,
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8) (612, 76, 5) (474, 77, 8) (861, 79, 5) (106, 81, 5) (29, 83, 8) (94, 86, Queue #16: (388, 32, 5) (607, 34, 5) (629, 36, 7) (674, 38, 7) (465, 41,
4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69, 4) (867, 70, 5) (903, 71,
4) (67, 61, 7) (715, 63, 3) (175, 65, 5) (785, 66, 5) (789, 67, 5) (616, 69,
5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7)
7) (686, 43, 8) (411, 46, 4) (258, 47, 7) (647, 49, 8) (8, 53, 3) (781, 53, 5) (593, 55, 5) (320, 59, 7) (673, 62, 7) (500, 64, 5) (449, 66, 7) (104, 68, 3) (187, 69, 8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79,
8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6)
    Number of clients: 1000
    Time: 87
(982, 91, 3), (102, 92, 6), (112, 92, 3), (139, 92, 4), (456, 92, 3), (594, 92, 4), (597, 92, 3), (812, 92, 3), (829, 92, 8), (218, 93, 5), (280, 93, 8), (294, 93, 6), (376, 93, 6), (413, 93, 5), (519, 93, 8), (706, 93, 8), (710, 93, 3), (790, 93, 8), (900, 93, 6), (907, 93, 8), (706, 93, 8), (710, 93, 3), (790, 93, 8), (900, 93, 6), (907, 93, 8),
 (940, 93, 5), (371, 94, 6), (437, 94, 4), (562, 94, 6), (702, 94, 4),
                                                                                                               (617, 96,
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(780, 96, 4), (815, 96, 3), (958, 96, 4), (49, 97, 7), (68, 97, 4), (91, 97, 8), (100, 97, 4), (241, 97, 5), (262, 97, 6), (265, 97, 8), (282, 97, 8), (314, 97, 6), (391, 97, 6), (408, 97, 8), (466, 97, 3), (475, 97, 6), (513, 97, 6), (610, 97, 7), (651, 97, 7), (688, 97, 7), (737, 97, 5),
4) (913, 39, 7) (330, 42, 5) (62, 44, 7) (732, 46, 6) (36, 48, 8) (726, 50, 3) (504, 52, 8) (619, 54, 6) (719, 58, 6) (201, 61, 3) (856, 62, 7) (341, 65,
6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86,
6) (813, 87, 5)
8) (405, 53, 4) (666, 54, 7) (696, 59, 5) (471, 61, 6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76,
4) (2, 87, 4)
7) (814, 85, 3) (864, 86, 5)
   Queue #6: (990, 32, 4)(256, 34, 7)(302, 37, 7)(358, 39, 3)(207, 40,
3) (245, 78, 8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86, 7)
8) (275, 64, 7) (855, 66, 6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72,
4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82,
4) (289, 84, 4) (75, 86, 6) (421, 87, 5)
Queue #8: (545, 32, 4) (423, 34, 3) (704, 35, 6) (846, 37, 4) (286, 39,
Queue #9: (48, 33, 5) (859, 34, 8) (877, 37, 8) (486, 40, 8) (120, 43, 5) (453, 44, 4) (560, 45, 5) (130, 47, 3) (550, 48, 6) (483, 50, 5) (605, 52,
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4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84,
8) (204, 43, 8) (523, 45, 4) (842, 46, 7) (991, 48, 7) (531, 51, 6) (578, 53,
8) (793, 79, 8) (457, 81, 3) (733, 82, 6) (826, 84, 7) (58, 87, 8)
6) (768, 42, 7) (833, 44, 8) (157, 47, 8) (970, 49, 3) (478, 51, 6) (270, 53, 3) (447, 54, 8) (287, 59, 4) (375, 60, 3) (259, 62, 3) (997, 62, 6) (412, 65,
8) (779, 41, 5) (337, 43, 5) (950, 44, 3) (602, 45, 7) (769, 47, 4) (360, 49,
8) (176, 54, 8) (277, 58, 5) (623, 60, 6) (189, 63, 5) (45, 65, 3) (195, 66,
5) (557, 67, 3) (95, 68, 3) (80, 69, 8) (156, 71, 3) (893, 71, 5) (511, 73,
6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85,
Queue #18: (222, 33, 4)(723, 34, 3)(980, 35, 4)(571, 37, 5)(853, 38, 5)(240, 41, 5)(74, 42, 5)(599, 43, 4)(247, 45, 4)(305, 46, 7)(752, 48, 4)(552, 49, 6)(24, 52, 5)(712, 53, 4)(12, 55, 4)(822, 57, 3)(711, 59,
4) (67, 61, 7) (715, 63, 3) (175, 65, 5) (785, 66, 5) (789, 67, 5) (616, 69,
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```
3) (187, 69, 8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6)
(940, 93, 5), (371, 94, 6), (437, 94, 4), (562, 94, 6), (702, 94, 4), (869, 94, 8), (919, 94, 6), (921, 94, 4), (999, 94, 4), (384, 95, 8), (425, 95, 5), (470, 95, 4), (526, 95, 6), (570, 95, 4), (658, 95, 6), (734, 95, 3), (775, 95, 7), (798, 95, 7), (862, 95, 3), (249, 96, 3),
(780, 96, 4), (815, 96, 3), (958, 96, 4), (49, 97, 7), (68, 97, 4), (91, 97, 8), (100, 97, 4), (241, 97, 5), (262, 97, 6), (265, 97, 8), (282, 97, 8), (314, 97, 6), (391, 97, 6), (408, 97, 8), (466, 97, 3), (475, 97, 6), (513, 97, 6), (610, 97, 7), (651, 97, 7), (688, 97, 7), (737, 97, 5), (799, 97, 6), (860, 97, 7), (892, 97, 7), (352, 98, 4), (510, 98, 6), (503, 98, 3), (683, 98, 7), (745, 98, 7), (766, 98, 4), (510, 98, 6),
4) (885, 77, 5) (336, 79, 8) (167, 81, 6) (171, 84, 6) (727, 85, 3) (838, 86,
8) (619, 54, 6) (719, 58, 6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67, 7) (410, 69, 4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87,
   Queue #3: (295, 33, 6)(581, 35, 3)(809, 36, 5)(439, 38, 4)(527, 39,
6) (682, 64, 8) (279, 67, 4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 72,
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4) (219, 87, 7)
6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5)
8) (308, 68, 4) (649, 69, 6) (98, 71, 7) (64, 73, 7) (468, 75, 6) (230, 77, 3) (245, 78, 8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86, 7)
8) (275, 64, 7) (855, 66, 6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72,
4) (289, 84, 4) (75, 86, 6) (421, 87, 5)
Queue #8: (545, 32, 3) (423, 34, 3) (704, 35, 6) (846, 37, 4) (286, 39,
5) (453, 44, 4) (560, 45, 5) (130, 47, 3) (550, 48, 6) (483, 50, 5) (605, 52, 6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65,
7) (306, 86, 7) (351, 88, 4)
8) (523, 45, 4) (842, 46, 7) (991, 48, 7) (531, 51, 6) (578, 53, 7) (111, 56,
8) (457, 81, 3) (733, 82, 6) (826, 84, 7) (58, 87, 8)
3) (447, 54, 8) (287, 59, 4) (375, 60, 3) (259, 62, 3) (997, 62, 6) (412, 65,
  Queue #14: (716, 31, 1)(82, 34, 4)(385, 35, 3)(323, 36, 8)(350, 39,
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6) (536, 51, 6) (667, 53, 4) (739, 54, 5) (133, 58, 8) (556, 62, 8) (25, 65,
3) (137, 66, 5) (549, 67, 6) (20, 69, 4) (857, 69, 8) (307, 72, 3) (154, 73, 7) (573, 75, 8) (129, 78, 5) (450, 79, 7) (988, 80, 5) (778, 82, 8) (77, 86,
5) (96, 87, 4) (729, 88, 7)
8) (277, 58, 5) (623, 60, 6) (189, 63, 5) (45, 65, 3) (195, 66, 5) (557, 67,
3) (95, 68, 3) (80, 69, 8) (156, 71, 3) (893, 71, 5) (511, 73, 8) (612, 76, 5) (474, 77, 8) (861, 79, 5) (106, 81, 5) (29, 83, 8) (94, 86, 4) (54, 87, 5) Queue #16: (388, 32, 3) (607, 34, 5) (629, 36, 7) (674, 38, 7) (465, 41,
6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85,
Queue #18: (222, 33, 3)(723, 34, 3)(980, 35, 4)(571, 37, 5)(853, 38, 5)(240, 41, 5)(74, 42, 5)(599, 43, 4)(247, 45, 4)(305, 46, 7)(752, 48,
4) (67, 61, 7) (715, 63, 3) (175, 65, 5) (785, 66, 5) (789, 67, 5) (616, 69,
5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4)
7) (686, 43, 8) (411, 46, 4) (258, 47, 7) (647, 49, 8) (8, 53, 3) (781, 53, 5) (593, 55, 5) (320, 59, 7) (673, 62, 7) (500, 64, 5) (449, 66, 7) (104, 68, 3) (187, 69, 8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79,
8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7)
5) (965, 53, 4) (103, 55, 3) (628, 56, 6) (257, 60, 5) (770, 62, 7) (205, 65, 6) (930, 66, 8) (400, 69, 6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86,
    Time: 89
                                                                                                       (371, 94,
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(367, 96, 7), (491, 96, 8), (617, 96, 5), (631, 96, 4), (633, 96, 8),
(672, 96, 3), (698, 96, 5), (713, 96, 8), (780, 96, 4), (815, 96, 3),
6), (408, 97, 8), (466, 97, 3), (475, 97, 6), (513, 97, 6), (610, 97, (651, 97, 7), (688, 97, 7), (737, 97, 5), (799, 97, 6), (860, 97, 7), (892, 97, 7), (352, 98, 4), (510, 98, 6), (598, 98, 3), (683, 98, 7),
 (745, 98, 7), (766, 98, 4), (312, 99, 3), (493, 99, 7), (495, 99, 5),
 (586, 99, 7), (751, 99, 6), (847, 99, 3)
8) (720, 89, 4)
8) (619, 54, 6) (719, 58, 6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67, 7) (410, 69, 4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87,
   Queue #3: (295, 33, 5)(581, 35, 3)(809, 36, 5)(439, 38, 4)(527, 39,
54, 7)(696, 59, 5)(471, 61, 6)(564, 63, 5)(508, 65, 5)(934, 66, 4)(870,
67, 8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 76) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5)
  Queue #5: (361, 33, 3)(839, 34, 5)(868, 36, 4)(63, 38, 7)(914, 39,
3) (245, 78, 8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89,
5) (97, 42, 7) (393, 44, 5) (985, 45, 4) (70, 47, 3) (397, 48, 3) (311, 49,
4) (584, 50, 8) (528, 53, 5) (338, 55, 4) (834, 57, 3) (33, 60, 4) (830, 61, 8) (275, 64, 7) (855, 66, 6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82,
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5) (453, 44, 4) (560, 45, 5) (130, 47, 3) (550, 48, 6) (483, 50, 5) (605, 52, 6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65,
4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84,
7) (306, 86, 7) (351, 88, 4)
8) (523, 45, 4) (842, 46, 7) (991, 48, 7) (531, 51, 6) (578, 53, 7) (111, 56,
8) (457, 81, 3) (733, 82, 6) (826, 84, 7) (58, 87, 8)
  Queue #11: (467, 33, 5)(910, 35, 3)(116, 37, 6)(522, 38, 3)(572, 39,
6) (768, 42, 7) (833, 44, 8) (157, 47, 8) (970, 49, 3) (478, 51, 6) (270, 53,
3) (447, 54, 8) (287, 59, 4) (375, 60, 3) (259, 62, 3) (997, 62, 6) (412, 65,
6) (851, 52, 3) (332, 53, 8) (566, 56, 8) (865, 60, 5) (113, 63, 8) (66, 66,
5) (337, 43, 5) (950, 44, 3) (602, 45, 7) (769, 47, 4) (360, 49, 6) (536, 51, 6) (667, 53, 4) (739, 54, 5) (133, 58, 8) (556, 62, 8) (25, 65, 3) (137, 66,
5) (549, 67, 6) (20, 69, 4) (857, 69, 8) (307, 72, 3) (154, 73, 7) (573, 75,
8) (129, 78, 5) (450, 79, 7) (988, 80, 5) (778, 82, 8) (77, 86, 5) (96, 87,
4) (729, 88, 7)
7) (163, 44, 3) (347, 45, 7) (214, 47, 7) (473, 49, 4) (505, 51, 8) (176, 54, 8) (277, 58, 5) (623, 60, 6) (189, 63, 5) (45, 65, 3) (195, 66, 5) (557, 67,
5) (87, 89, 8)
5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6)
5) (801, 41, 8) (183, 44, 5) (661, 45, 8) (744, 48, 5) (72, 50, 5) (897, 51,
  Queue #18: (222, 33, 2)(723, 34, 3)(980, 35, 4)(571, 37, 5)(853, 38,
4) (67, 61, 7) (715, 63, 3) (175, 65, 5) (785, 66, 5) (789, 67, 5) (616, 69,
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3) (187, 69, 8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79,
8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7)
5) (158, 42, 5) (3, 44, 7) (595, 46, 7) (878, 48, 5) (136, 50, 5) (88, 52,
   Arrival time interval: [10, 100]
   Time: 90
(470, 95, 4), (526, 95, 6), (570, 95, 4), (658, 95, 6), (734, 95, 3),
(633, 96, 8), (672, 96, 3), (698, 96, 5), (713, 96, 8), (780, 96, 4), (815, 96, 3), (958, 96, 4), (49, 97, 7), (68, 97, 4), (91, 97, 8), (100, 97, 4), (241, 97, 5), (262, 97, 6), (265, 97, 8), (282, 97, 8), (314, 97, 6), (391, 97, 6), (408, 97, 8), (466, 97, 3), (475, 97, 6), (513, 97, 6),
8) (417, 68, 8) (979, 70, 4) (989, 71, 3) (56, 73, 5) (700, 74, 6) (816, 76,
8) (720, 89, 4)
  Queue #3: (295, 33, 4)(581, 35, 3)(809, 36, 5)(439, 38, 4)(527, 39,
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6) (682, 64, 8) (279, 67, 4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 72, 8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90, 5)
43, 3) (986, 43, 5) (370, 45, 8) (568, 47, 8) (492, 50, 8) (405, 53, 4) (666,
54, 7) (696, 59, 5) (471, 61, 6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870,
67, 8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 76) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5)
 Queue #5: (361, 33, 2)(839, 34, 5)(868, 36, 4)(63, 38, 7)(914, 39,
8) (308, 68, 4) (649, 69, 6) (98, 71, 7) (64, 73, 7) (468, 75, 6) (230, 77,
3) (245, 78, 8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89, 7)
5) (97, 42, 7) (393, 44, 5) (985, 45, 4) (70, 47, 3) (397, 48, 3) (311, 49,
4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89, 5)
8) (620, 51, 8) (487, 54, 4) (748, 55, 8) (637, 60, 3) (722, 62, 8) (342, 65,
7) (35, 90, 5)
5) (453, 44, 4) (560, 45, 5) (130, 47, 3) (550, 48, 6) (483, 50, 5) (605, 52,
6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4)
  Queue #10: (57, 34, 3)(947, 34, 7)(13, 38, 8)(525, 40, 8)(204, 43,
6) (582, 70, 7) (639, 72, 3) (366, 73, 5) (955, 74, 7) (346, 77, 8) (793, 79, 8) (457, 81, 3) (733, 82, 6) (826, 84, 7) (58, 87, 8)
8) (21, 68, 6) (759, 69, 6) (459, 71, 7) (387, 73, 3) (956, 73, 3) (540, 75,
4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86,
7) (981, 42, 6) (477, 44, 3) (543, 45, 3) (806, 46, 7) (935, 48, 4) (996, 49,
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4) (51, 67, 7) (756, 68, 6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76,
3) (517, 87, 8)
5) (337, 43, 5) (950, 44, 3) (602, 45, 7) (769, 47, 4) (360, 49, 6) (536, 51,
6) (667, 53, 4) (739, 54, 5) (133, 58, 8) (556, 62, 8) (25, 65, 3) (137, 66,
5) (549, 67, 6) (20, 69, 4) (857, 69, 8) (307, 72, 3) (154, 73, 7) (573, 75,
8) (129, 78, 5) (450, 79, 7) (988, 80, 5) (778, 82, 8) (77, 86, 5) (96, 87,
8) (277, 58, 5) (623, 60, 6) (189, 63, 5) (45, 65, 3) (195, 66, 5) (557, 67,
4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69, 4) (867, 70, 5) (903, 71,
5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90, 8)
Queue #17: (507, 33, 1)(717, 34, 8)(589, 37, 4)(746, 38, 4)(690, 39, 5)(801, 41, 8)(183, 44, 5)(661, 45, 8)(744, 48, 5)(72, 50, 5)(897, 51,
6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85,
5) (240, 41, 5) (74, 42, 5) (599, 43, 4) (247, 45, 4) (305, 46, 7) (752, 48, 4) (552, 49, 6) (24, 52, 5) (712, 53, 4) (12, 55, 4) (822, 57, 3) (711, 59,
5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89,
7) (686, 43, 8) (411, 46, 4) (258, 47, 7) (647, 49, 8) (8, 53, 3) (781, 53, 5) (593, 55, 5) (320, 59, 7) (673, 62, 7) (500, 64, 5) (449, 66, 7) (104, 68, 3) (187, 69, 8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7)
4) (103, 55, 3) (628, 56, 6) (257, 60, 5) (770, 62, 7) (205, 65, 6) (930, 66, 8) (400, 69, 6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89,
   Service time interval: [3, 9]
   Time: 91
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(384, 95, 8), (425, 95, 5), (470, 95, 4), (526, 95, 6), (570, 95, 4),
(658, 95, 6), (734, 95, 3), (775, 95, 7), (798, 95, 7), (862, 95, 3),
4) (899, 43, 7) (676, 45, 6) (264, 47, 7) (283, 50, 5) (242, 52, 5) (44, 54,
8) (417, 68, 8) (979, 70, 4) (989, 71, 3) (56, 73, 5) (700, 74, 6) (816, 76,
8) (619, 54, 6) (719, 58, 6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67,
6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87,
8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86,
4) (219, 87, 7) (994, 90, 5)
43, 3) (986, 43, 5) (370, 45, 8) (568, 47, 8) (492, 50, 8) (405, 53, 4) (666,
6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88,
5) (155, 91, 8)
7) (814, 85, 3) (864, 86, 5) (124, 88, 3) (946, 89, 3) (290, 91, 3) (982, 91,
7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84,
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7) (625, 42, 3) (530, 43, 6) (514, 45, 5) (43, 47, 6) (957, 48, 8) (620, 51, 8) (487, 54, 4) (748, 55, 8) (637, 60, 3) (722, 62, 8) (342, 65, 6) (15, 67, 6) (354, 68, 5) (792, 69, 8) (197, 72, 8) (730, 74, 3) (831, 75, 3) (844, 76,
5) (796, 78, 8) (407, 80, 7) (71, 82, 5) (372, 84, 8) (52, 87, 7) (35, 90,
5) (693, 91, 5)
7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4)
6) (582, 70, 7) (639, 72, 3) (366, 73, 5) (955, 74, 7) (346, 77, 8) (793, 79, 8) (457, 81, 3) (733, 82, 6) (826, 84, 7) (58, 87, 8) (232, 91, 8)
   Queue #11: (467, 33, 3)(910, 35, 3)(116, 37, 6)(522, 38, 3)(572, 39,
6) (26, 53, 5) (565, 54, 5) (108, 57, 8) (22, 62, 8) (445, 64, 4) (848, 65,
8) (21, 68, 6) (759, 69, 6) (459, 71, 7) (387, 73, 3) (956, 73, 3) (540, 75, 4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6)
8) (287, 59, 4) (375, 60, 3) (259, 62, 3) (997, 62, 6) (412, 65, 7) (518, 67,
5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90,
7) (756, 68, 6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77,
8) (548, 91, 8)
5) (337, 43, 5) (950, 44, 3) (602, 45, 7) (769, 47, 4) (360, 49, 6) (536, 51, 6) (667, 53, 4) (739, 54, 5) (133, 58, 8) (556, 62, 8) (25, 65, 3) (137, 66,
8) (277, 58, 5) (623, 60, 6) (189, 63, 5) (45, 65, 3) (195, 66, 5) (557, 67,
5) (87, 89, 8)
   Queue #17: (717, 34, 8)(589, 37, 4)(746, 38, 4)(690, 39, 5)(801, 41,
```



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5) (74, 42, 5) (599, 43, 4) (247, 45, 4) (305, 46, 7) (752, 48, 4) (552, 49, 6) (24, 52, 5) (712, 53, 4) (12, 55, 4) (822, 57, 3) (711, 59, 4) (67, 61,
7) (715, 63, 3) (175, 65, 5) (785, 66, 5) (789, 67, 5) (616, 69, 4) (299, 70,
6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80,
5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91,
Queue #19: (758, 34, 5) (697, 36, 7) (974, 38, 8) (736, 41, 7) (686, 43, 8) (411, 46, 4) (258, 47, 7) (647, 49, 8) (8, 53, 3) (781, 53, 5) (593, 55, 5) (320, 59, 7) (673, 62, 7) (500, 64, 5) (449, 66, 7) (104, 68, 3) (187, 69,
8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7)
Queue #20: (125, 34, 6)(152, 37, 4)(356, 38, 8)(420, 41, 5)(158, 42, 5)(3, 44, 7)(595, 46, 7)(878, 48, 5)(136, 50, 5)(88, 52, 5)(965, 53,
4) (103, 55, 3) (628, 56, 6) (257, 60, 5) (770, 62, 7) (205, 65, 6) (930, 66, 8) (400, 69, 6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89,
   Arrival time interval: [10, 100]
   Time: 92
8) (417, 68, 8) (979, 70, 4) (989, 71, 3) (56, 73, 5) (700, 74, 6) (816, 76, 4) (885, 77, 5) (336, 79, 8) (167, 81, 6) (171, 84, 6) (727, 85, 3) (838, 86, 8) (720, 89, 4) (657, 91, 6)
7) (330, 42, 5) (62, 44, 7) (732, 46, 6) (36, 48, 8) (726, 50, 3) (504, 52, 48, 8)
8) (619, 54, 6) (719, 58, 6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67,
6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87,
```



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8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86,
4) (219, 87, 7) (994, 90, 5) (456, 92, 3)
5) (155, 91, 8)
3) (864, 86, 5) (124, 88, 3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92,
4) (554, 42, 6) (263, 44, 8) (905, 46, 3) (695, 47, 6) (874, 49, 6) (580, 52,
4) (75, 86, 6) (421, 87, 5) (960, 89, 5) (662, 91, 5)
Queue #8: (423, 34, 2) (704, 35, 6) (846, 37, 4) (286, 39, 4) (303, 40,
8) (487, 54, 4) (748, 55, 8) (637, 60, 3) (722, 62, 8) (342, 65, 6) (15, 67,
6) (354, 68, 5) (792, 69, 8) (197, 72, 8) (730, 74, 3) (831, 75, 3) (844, 76,
8) (457, 81, 3) (733, 82, 6) (826, 84, 7) (58, 87, 8) (232, 91, 8)
  Queue #12: (99, 34, 1)(964, 34, 8)(169, 38, 8)(357, 41, 6)(768, 42,
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6) (477, 44, 3) (543, 45, 3) (806, 46, 7) (935, 48, 4) (996, 49, 6) (851, 52, 3) (332, 53, 8) (566, 56, 8) (865, 60, 5) (113, 63, 8) (66, 66, 4) (51, 67, 7) (756, 68, 6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77,
7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87,
8) (548, 91, 8)
5) (337, 43, 5) (950, 44, 3) (602, 45, 7) (769, 47, 4) (360, 49, 6) (536, 51, 6) (667, 53, 4) (739, 54, 5) (133, 58, 8) (556, 62, 8) (25, 65, 3) (137, 66, 5) (549, 67, 6) (20, 69, 4) (857, 69, 8) (307, 72, 3) (154, 73, 7) (573, 75,
8) (277, 58, 5) (623, 60, 6) (189, 63, 5) (45, 65, 3) (195, 66, 5) (557, 67,
5) (87, 89, 8) (112, 92, 3)
3) (386, 43, 6) (355, 45, 3) (78, 46, 6) (32, 48, 4) (363, 49, 7) (652, 51,
3) (160, 53, 6) (803, 54, 4) (173, 57, 7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81,
8) (183, 44, 5) (661, 45, 8) (744, 48, 5) (72, 50, 5) (897, 51, 3) (182, 53,
6) (24, 52, 5) (712, 53, 4) (12, 55, 4) (822, 57, 3) (711, 59, 4) (67, 61,
6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91,
8) (411, 46, 4) (258, 47, 7) (647, 49, 8) (8, 53, 3) (781, 53, 5) (593, 55,
8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7)
   Number of clients: 1000
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8) (417, 68, 8) (979, 70, 4) (989, 71, 3) (56, 73, 5) (700, 74, 6) (816, 76,
8) (720, 89, 4) (657, 91, 6) (413, 93, 5)
8) (619, 54, 6) (719, 58, 6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67,
6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87,
8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86,
4) (219, 87, 7) (994, 90, 5) (456, 92, 3) (519, 93, 8)
43, 3) (986, 43, 5) (370, 45, 8) (568, 47, 8) (492, 50, 8) (405, 53, 4) (666, 54, 7) (696, 59, 5) (471, 61, 6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870,
6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88,
3) (422, 53, 8) (741, 56, 6) (318, 60, 3) (143, 62, 5) (567, 63, 3) (755, 64, 8) (364, 67, 4) (227, 68, 8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76,
3) (864, 86, 5) (124, 88, 3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92,
4) (554, 42, 6) (263, 44, 8) (905, 46, 3) (695, 47, 6) (874, 49, 6) (580, 52,
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7) (625, 42, 3) (530, 43, 6) (514, 45, 5) (43, 47, 6) (957, 48, 8) (620, 51, 8) (487, 54, 4) (748, 55, 8) (637, 60, 3) (722, 62, 8) (342, 65, 6) (15, 67, 6) (354, 68, 5) (792, 69, 8) (197, 72, 8) (730, 74, 3) (831, 75, 3) (844, 76,
5) (796, 78, 8) (407, 80, 7) (71, 82, 5) (372, 84, 8) (52, 87, 7) (35, 90,
5) (693, 91, 5) (790, 93, 8)
   Queue #11: (467, 33, 1)(910, 35, 3)(116, 37, 6)(522, 38, 3)(572, 39,
6) (26, 53, 5) (565, 54, 5) (108, 57, 8) (22, 62, 8) (445, 64, 4) (848, 65,
8) (21, 68, 6) (759, 69, 6) (459, 71, 7) (387, 73, 3) (956, 73, 3) (540, 75, 4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6)
5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93,
8) (548, 91, 8)
5) (450, 79, 7) (988, 80, 5) (778, 82, 8) (77, 86, 5) (96, 87, 4) (729, 88,
8) (112, 92, 3) (280, 93, 8)
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5) (74, 42, 5) (599, 43, 4) (247, 45, 4) (305, 46, 7) (752, 48, 4) (552, 49, 6) (24, 52, 5) (712, 53, 4) (12, 55, 4) (822, 57, 3) (711, 59, 4) (67, 61,
7) (715, 63, 3) (175, 65, 5) (785, 66, 5) (789, 67, 5) (616, 69, 4) (299, 70,
6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80,
5) (594, 92, 4)
8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93, 8)
Queue #20: (125, 34, 4)(152, 37, 4)(356, 38, 8)(420, 41, 5)(158, 42, 5)(3, 44, 7)(595, 46, 7)(878, 48, 5)(136, 50, 5)(88, 52, 5)(965, 53,
4) (103, 55, 3) (628, 56, 6) (257, 60, 5) (770, 62, 7) (205, 65, 6) (930, 66, 8) (400, 69, 6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89,
   Arrival time interval: [10, 100]
   Time: 94
(958, 96, 4), (49, 97, 7), (68, 97, 4), (91, 97, 8), (100, 97, 4), (241, 97, 5), (262, 97, 6), (265, 97, 8), (282, 97, 8), (314, 97, 6), (391, 97, 6), (408, 97, 8), (466, 97, 3), (475, 97, 6), (513, 97, 6), (610, 97, 7),
8) (417, 68, 8) (979, 70, 4) (989, 71, 3) (56, 73, 5) (700, 74, 6) (816, 76,
4) (885, 77, 5) (336, 79, 8) (167, 81, 6) (171, 84, 6) (727, 85, 3) (838, 86,
8) (720, 89, 4) (657, 91, 6) (413, 93, 5)
Queue #2: (547, 35, 6)(840, 37, 4)(83, 39, 4)(913, 39, 7)(330, 42, 5)(62, 44, 7)(732, 46, 6)(36, 48, 8)(726, 50, 3)(504, 52, 8)(619, 54,
6) (719, 58, 6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67, 7) (410, 69, 4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77,
6) (139, 92, 4) (940, 93, 5)
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8) (279, 67, 4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 72, 8) (451, 75,
8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90, 5) (456, 92, 3) (519, 93, 8)
43, 3) (986, 43, 5) (370, 45, 8) (568, 47, 8) (492, 50, 8) (405, 53, 4) (666,
54, 7) (696, 59, 5) (471, 61, 6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870,
67, 8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202,
6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88,
6) (276, 54, 6) (764, 56, 8) (818, 61, 5) (300, 63, 8) (394, 66, 8) (308, 68,
4) (649, 69, 6) (98, 71, 7) (64, 73, 7) (468, 75, 6) (230, 77, 3) (245, 78,
6) (921, 94, 4)
4) (75, 86, 6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) Queue #8: (704, 35, 6) (846, 37, 4) (286, 39, 4) (303, 40, 7) (625, 42,
8) (407, 80, 7) (71, 82, 5) (372, 84, 8) (52, 87, 7) (35, 90, 5) (693, 91,
5) (790, 93, 8)
4) (560, 45, 5) (130, 47, 3) (550, 48, 6) (483, 50, 5) (605, 52, 6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66,
4) (842, 46, 7) (991, 48, 7) (531, 51, 6) (578, 53, 7) (111, 56, 3) (4, 59, 3) (153, 60, 6) (995, 62, 6) (944, 64, 7) (42, 67, 7) (742, 68, 6) (582, 70, 7) (639, 72, 3) (366, 73, 5) (955, 74, 7) (346, 77, 8) (793, 79, 8) (457, 81,
3) (733, 82, 6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93, 6)
8) (316, 43, 5) (587, 44, 5) (786, 46, 8) (86, 49, 5) (687, 50, 6) (26, 53,
6) (759, 69, 6) (459, 71, 7) (387, 73, 3) (956, 73, 3) (540, 75, 4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6)
8) (157, 47, 8) (970, 49, 3) (478, 51, 6) (270, 53, 3) (447, 54, 8) (287, 59,
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6) (477, 44, 3) (543, 45, 3) (806, 46, 7) (935, 48, 4) (996, 49, 6) (851, 52,
3) (332, 53, 8) (566, 56, 8) (865, 60, 5) (113, 63, 8) (66, 66, 4) (51, 67, 7) (756, 68, 6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77,
7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87,
8) (548, 91, 8) (437, 94, 4)
5) (950, 44, 3) (602, 45, 7) (769, 47, 4) (360, 49, 6) (536, 51, 6) (667, 53,
4) (739, 54, 5) (133, 58, 8) (556, 62, 8) (25, 65, 3) (137, 66, 5) (549, 67, 6) (20, 69, 4) (857, 69, 8) (307, 72, 3) (154, 73, 7) (573, 75, 8) (129, 78, 5) (450, 79, 7) (988, 80, 5) (778, 82, 8) (77, 86, 5) (96, 87, 4) (729, 88,
8) (112, 92, 3) (280, 93, 8)
3) (386, 43, 6) (355, 45, 3) (78, 46, 6) (32, 48, 4) (363, 49, 7) (652, 51,
3) (590, 66, 3) (691, 67, 8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94,
3)(175, 65, 5)(785, 66, 5)(789, 67, 5)(616, 69, 4)(299, 70, 6)(908, 71,
4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81,
4) (869, 94, 8)
8) (411, 46, 4) (258, 47, 7) (647, 49, 8) (8, 53, 3) (781, 53, 5) (593, 55,
8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93, 8)
Queue #20: (125, 34, 3)(152, 37, 4)(356, 38, 8)(420, 41, 5)(158, 42, 5)(3, 44, 7)(595, 46, 7)(878, 48, 5)(136, 50, 5)(88, 52, 5)(965, 53,
4) (103, 55, 3) (628, 56, 6) (257, 60, 5) (770, 62, 7) (205, 65, 6) (930, 66, 8) (400, 69, 6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76,
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Time: 95
6), (408, 97, 8), (466, 97, 3), (475, 97, 6), (513, 97, 6), (610, 97, 7),
(651, 97, 7), (688, 97, 7), (737, 97, 5), (799, 97, 6), (860, 97, 7), (892, 97, 7), (352, 98, 4), (510, 98, 6), (598, 98, 3), (683, 98, 7), (745, 98, 7), (766, 98, 4), (312, 99, 3), (493, 99, 7), (495, 99, 5), (586, 99, 7), (751, 99, 6), (847, 99, 3)
8) (417, 68, 8) (979, 70, 4) (989, 71, 3) (56, 73, 5) (700, 74, 6) (816, 76, 4) (885, 77, 5) (336, 79, 8) (167, 81, 6) (171, 84, 6) (727, 85, 3) (838, 86, 8) (720, 89, 4) (657, 91, 6) (413, 93, 5) (425, 95, 5)
6) (719, 58, 6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67, 7) (410, 69,
4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3)
6) (50, 54, 4) (211, 55, 7) (795, 59, 4) (324, 61, 3) (943, 62, 6) (682, 64,
54, 7) (696, 59, 5) (471, 61, 6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870,
67, 8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79,
6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88,
8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92,
6) (921, 94, 4) (775, 95, 7)
Queue #7: (261, 34, 3)(551, 37, 6)(267, 39, 5)(254, 41, 5)(97, 42, 7)(393, 44, 5)(985, 45, 4)(70, 47, 3)(397, 48, 3)(311, 49, 4)(584, 50,
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5) (790, 93, 8)
    Queue #9: (859, 34, 5)(877, 37, 8)(486, 40, 8)(120, 43, 5)(453, 44,
4) (560, 45, 5) (130, 47, 3) (550, 48, 6) (483, 50, 5) (605, 52, 6) (331, 54,
3) (541, 55, 4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8)
Queue #11: (910, 35, 2)(116, 37, 6)(522, 38, 3)(572, 39, 3)(271, 41, 8)(316, 43, 5)(587, 44, 5)(786, 46, 8)(86, 49, 5)(687, 50, 6)(26, 53,
6) (759, 69, 6) (459, 71, 7) (387, 73, 3) (956, 73, 3) (540, 75, 4) (912, 76,
5) (384, 95, 8)
6) (477, 44, 3) (543, 45, 3) (806, 46, 7) (935, 48, 4) (996, 49, 6) (851, 52, 3) (332, 53, 8) (566, 56, 8) (865, 60, 5) (113, 63, 8) (66, 66, 4) (51, 67, 7) (756, 68, 6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77,
7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87,
8) (548, 91, 8) (437, 94, 4) (470, 95, 4)
5) (950, 44, 3) (602, 45, 7) (769, 47, 4) (360, 49, 6) (536, 51, 6) (667, 53, 4) (739, 54, 5) (133, 58, 8) (556, 62, 8) (25, 65, 3) (137, 66, 5) (549, 67, 6) (20, 69, 4) (857, 69, 8) (307, 72, 3) (154, 73, 7) (573, 75, 8) (129, 78,
8) (112, 92, 3) (280, 93, 8)
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3) (175, 65, 5) (785, 66, 5) (789, 67, 5) (616, 69, 4) (299, 70, 6) (908, 71, 60)
4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81,
4) (869, 94, 8)
8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93, 8)
Queue #20: (125, 34, 2)(152, 37, 4)(356, 38, 8)(420, 41, 5)(158, 42, 5)(3, 44, 7)(595, 46, 7)(878, 48, 5)(136, 50, 5)(88, 52, 5)(965, 53,
4) (103, 55, 3) (628, 56, 6) (257, 60, 5) (770, 62, 7) (205, 65, 6) (930, 66, 8) (400, 69, 6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89,
   Arrival time interval: [10, 100]
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5) (336, 79, 8) (167, 81, 6) (171, 84, 6) (727, 85, 3) (838, 86, 8) (720, 89, 4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96, 4)
8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90,
6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5)
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8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88,
5) (155, 91, 8) (706, 93, 8) (617, 96, 5)
\overline{3}) (499, \overline{43}, 3) (238, 44, 5) \overline{(967, 45, 7)} (170, 48, 5) (797, 49, 7) (932, 52,
3) (919, 94, 6) (631, 96, 4)
6) (921, 94, 4) (775, 95, 7)
7) (393, 44, 5) (985, 45, 4) (70, 47, 3) (397, 48, 3) (311, 49, 4) (584, 50,
8) (528, 53, 5) (338, 55, 4) (834, 57, 3) (33, 60, 4) (830, 61, 8) (275, 64,
7) (855, 66, 6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84,
4) (862, 95, 3)
6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3)
Queue #11: (910, 35, 1) (116, 37, 6) (522, 38, 3) (572, 39, 3) (271, 41, 8) (316, 43, 5) (587, 44, 5) (786, 46, 8) (86, 49, 5) (687, 50, 6) (26, 53, 5) (565, 54, 5) (108, 57, 8) (22, 62, 8) (445, 64, 4) (848, 65, 8) (21, 68, 6) (750, 6) (450, 6)
3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8)
8) (157, 47, 8) (970, 49, 3) (478, 51, 6) (270, 53, 3) (447, 54, 8) (287, 59, 4) (375, 60, 3) (259, 62, 3) (997, 62, 6) (412, 65, 7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79,
5) (384, 95, 8)
3) (332, 53, 8) (566, 56, 8) (865, 60, 5) (113, 63, 8) (66, 66, 4) (51, 67,
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7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8)
4) (857, 69, 8) (307, 72, 3) (154, 73, 7) (573, 75, 8) (129, 78, 5) (450, 79,
6) (562, 94, 6) (362, 96, 8)
8) (112, 92, 3) (280, 93, 8) (367, 96, 7)
6) (355, 45, 3) (78, 46, 6) (32, 48, 4) (363, 49, 7) (652, 51, 3) (160, 53,
5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83,
8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95,
Queue #17: (717, 34, 3) (589, 37, 4) (746, 38, 4) (690, 39, 5) (801, 41, 8) (183, 44, 5) (661, 45, 8) (744, 48, 5) (72, 50, 5) (897, 51, 3) (182, 53, 5) (604, 54, 4) (621, 56, 6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65, 3) (681, 66, 5) (699, 67, 8) (959, 69, 5) (574, 71, 4) (654, 72, 6) (117, 74, 6)
3) (175, 65, 5) (785, 66, 5) (789, 67, 5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81,
4) (869, 94, 8) (815, 96, 3)
4) (258, 47, 7) (647, 49, 8) (8, 53, 3) (781, 53, 5) (593, 55, 5) (320, 59,
4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96, 3) Queue #20: (125, 34, 1) (152, 37, 4) (356, 38, 8) (420, 41, 5) (158, 42,
    Time: 97
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8) (979, 70, 4) (989, 71, 3) (56, 73, 5) (700, 74, 6) (816, 76, 4) (885, 77,
5) (336, 79, 8) (167, 81, 6) (171, 84, 6) (727, 85, 3) (838, 86, 8) (720, 89,
4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6)
8) (301, 45, 6) (863, 46, 4) (150, 48, 7) (484, 50, 3) (591, 51, 6) (50, 54, 4) (211, 55, 7) (795, 59, 4) (324, 61, 3) (943, 62, 6) (682, 64, 8) (279, 67, 4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 72, 8) (451, 75, 8) (902, 77,
5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
7) (696, 59, 5) (471, 61, 6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88,
5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6)
   Queue #5: (868, 36, 4)(63, 38, 7)(914, 39, 7)(509, 42, 3)(499, 43,
4) (227, 68, 8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86,
6) (631, 96, 4) (262, 97, 6)
4) (554, 42, 6) (263, 44, 8) (905, 46, 3) (695, 47, 6) (874, 49, 6) (580, 52,
6) (921, 94, 4) (775, 95, 7) (391, 97, 6)
8) (528, 53, 5) (338, 55, 4) (834, 57, 3) (33, 60, 4) (830, 61, 8) (275, 64,
7) (855, 66, 6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84,
4) (862, 95, 3) (49, 97, 7)
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7) (639, 72, 3) (366, 73, 5) (955, 74, 7) (346, 77, 8) (793, 79, 8) (457, 81, 79, 10)
3) (733, 82, 6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93, 6) (798, 95,
5) (587, 44, 5) (786, 46, 8) (86, 49, 5) (687, 50, 6) (26, 53, 5) (565, 54, 5) (108, 57, 8) (22, 62, 8) (445, 64, 4) (848, 65, 8) (21, 68, 6) (759, 69,
8) (157, 47, 8) (970, 49, 3) (478, 51, 6) (270, 53, 3) (447, 54, 8) (287, 59, 4) (375, 60, 3) (259, 62, 3) (997, 62, 6) (412, 65, 7) (518, 67, 7) (569, 69,
5) (384, 95, 8) (265, 97, 8)
3) (543, 45, 3) (806, 46, 7) (935, 48, 4) (996, 49, 6) (851, 52, 3) (332, 53, 8) (566, 56, 8) (865, 60, 5) (113, 63, 8) (66, 66, 4) (51, 67, 7) (756, 68, 6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 6) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208, 84, 8) (208
8) (437, 94, 4) (470, 95, 4) (713, 96, 8)
6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
3) (80, 69, 8) (156, 71, 3) (893, 71, 5) (511, 73, 8) (612, 76, 5) (474, 77, 8) (861, 79, 5) (106, 81, 5) (29, 83, 8) (94, 86, 4) (54, 87, 5) (87, 89, 8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
6) (355, 45, 3) (78, 46, 6) (32, 48, 4) (363, 49, 7) (652, 51, 3) (160, 53,
3) (691, 67, 8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83,
5) (604, 54, 4) (621, 56, 6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65,
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4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96,
3) (100, 97, 4) (799, 97, 6)
8) (376, 93, 6) (658, 95, 6) (241, 97, 5)
  Arrival time interval: [10, 100]
  Time: 98
8) (979, 70, 4) (989, 71, 3) (56, 73, 5) (700, 74, 6) (816, 76, 4) (885, 77, 5) (336, 79, 8) (167, 81, 6) (171, 84, 6) (727, 85, 3) (838, 86, 8) (720, 89, 4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6)
5) (62, 44, 7) (732, 46, 6) (36, 48, 8) (726, 50, 3) (504, 52, 8) (619, 54,
6) (719, 58, 6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67, 7) (410, 69,
4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6)
8) (301, 45, 6) (863, 46, 4) (150, 48, 7) (484, 50, 3) (591, 51, 6) (50, 54, 6)
8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79,
6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88,
5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
4) (227, 68, 8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76, 8) (28, 79,
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6) (263, 44, 8) (905, 46, 3) (695, 47, 6) (874, 49, 6) (580, 52, 6) (276, 54,
6) (764, 56, 8) (818, 61, 5) (300, 63, 8) (394, 66, 8) (308, 68, 4) (649, 69,
4) (775, 95, 7) (391, 97, 6)
5) (985, 45, 4) (70, 47, 3) (397, 48, 3) (311, 49, 4) (584, 50, 8) (528, 53,
5) (338, 55, 4) (834, 57, 3) (33, 60, 4) (830, 61, 8) (275, 64, 7) (855, 66, 6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86,
4) (748, 55, 8) (637, 60, 3) (722, 62, 8) (342, 65, 6) (15, 67, 6) (354, 68, 5) (792, 69, 8) (197, 72, 8) (730, 74, 3) (831, 75, 3) (844, 76, 5) (796, 78,
5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
3) (541, 55, 4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86,
4) (610, 97, 7)
3) (153, 60, 6) (995, 62, 6) (944, 64, 7) (42, 67, 7) (742, 68, 6) (582, 70, 7) (639, 72, 3) (366, 73, 5) (955, 74, 7) (346, 77, 8) (793, 79, 8) (457, 81,
6) (459, 71, 7) (387, 73, 3) (956, 73, 3) (540, 75, 4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79,
6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91,
8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98,
5) (133, 58, 8) (556, 62, 8) (25, 65, 3) (137, 66, 5) (549, 67, 6) (20, 69,
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3) (80, 69, 8) (156, 71, 3) (893, 71, 5) (511, 73, 8) (612, 76, 5) (474, 77, 8) (861, 79, 5) (106, 81, 5) (29, 83, 8) (94, 86, 4) (54, 87, 5) (87, 89,
8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
   Queue #16: (629, 36, 5)(674, 38, 7)(465, 41, 4)(110, 42, 3)(386, 43,
6) (355, 45, 3) (78, 46, 6) (32, 48, 4) (363, 49, 7) (652, 51, 3) (160, 53,
3) (691, 67, 8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95,
6) (91, 97, 8)
8) (183, 44, 5) (661, 45, 8) (744, 48, 5) (72, 50, 5) (897, 51, 3) (182, 53,
3) (681, 66, 5) (699, 67, 8) (959, 69, 5) (574, 71, 4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85, 7) (198, 87, 7) (632, 90, 8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
5) (785, 66, 5) (789, 67, 5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94,
8) (815, 96, 3) (282, 97, 8)
4) (258, 47, 7) (647, 49, 8) (8, 53, 3) (781, 53, 5) (593, 55, 5) (320, 59,
4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
    Time: 99
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4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
8) (301, 45, 6) (863, 46, 4) (150, 48, 7) (484, 50, 3) (591, 51, 6) (50, 54,
4) (211, 55, 7) (795, 59, 4) (324, 61, 3) (943, 62, 6) (682, 64, 8) (279, 67,
4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 72, 8) (451, 75, 8) (902, 77,
5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86,
5) (124, 88, 3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95,
3)(49, 97, 7)(598, 98, 3)(751, 99, 6)
4) (560, 45, 5) (130, 47, 3) (550, 48, 6) (483, 50, 5) (605, 52, 6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66,
8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86,
7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97,
4) (610, 97, 7)
4) (842, 46, 7) (991, 48, 7) (531, 51, 6) (578, 53, 7) (111, 56, 3) (4, 59, 3) (153, 60, 6) (995, 62, 6) (944, 64, 7) (42, 67, 7) (742, 68, 6) (582, 70, 7) (639, 72, 3) (366, 73, 5) (955, 74, 7) (346, 77, 8) (793, 79, 8) (457, 81,
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6) (459, 71, 7) (387, 73, 3) (956, 73, 3) (540, 75, 4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90,
4) (375, 60, 3) (259, 62, 3) (997, 62, 6) (412, 65, 7) (518, 67, 7) (569, 69,
5) (634, 70, 8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79,
8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
8) (861, 79, 5) (106, 81, 5) (29, 83, 8) (94, 86, 4) (54, 87, 5) (87, 89,
8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
  Queue #16: (629, 36, 4)(674, 38, 7)(465, 41, 4)(110, 42, 3)(386, 43,
3)(691, 67, 8)(705, 69, 4)(867, 70, 5)(903, 71, 3)(835, 72, 7)(119, 75,
8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95,
6) (91, 97, 8) (493, 99, 7)
5) (661, 45, 8) (744, 48, 5) (72, 50, 5) (897, 51, 3) (182, 53, 5) (604, 54, 4) (621, 56, 6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65, 3) (681, 66,
8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
8) (815, 96, 3) (282, 97, 8)
7) (595, 46, 7) (878, 48, 5) (136, 50, 5) (88, 52, 5) (965, 53, 4) (103, 55,
3) (628, 56, 6) (257, 60, 5) (770, 62, 7) (205, 65, 6) (930, 66, 8) (400, 69,
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Maximum simulation time: 200
4) (989, 71, 3) (56, 73, 5) (700, 74, 6) (816, 76, 4) (885, 77, 5) (336, 79,
8) (167, 81, 6) (171, 84, 6) (727, 85, 3) (838, 86, 8) (720, 89, 4) (657, 91,
6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
7) (732, 46, 6) (36, 48, 8) (726, 50, 3) (504, 52, 8) (619, 54, 6) (719, 58, 6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67, 7) (410, 69, 4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79,
4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
8) (301, 45, 6) (863, 46, 4) (150, 48, 7) (484, 50, 3) (591, 51, 6) (50, 54,
4) (211, 55, 7) (795, 59, 4) (324, 61, 3) (943, 62, 6) (682, 64, 8) (279, 67, 4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 72, 8) (451, 75, 8) (902, 77,
5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
3) (986, 43, 5) (370, 45, 8) (568, 47, 8) (492, 50, 8) (405, 53, 4) (666, 54,
7) (696, 59, 5) (471, 61, 6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88,
5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
8) (741, 56, 6) (318, 60, 3) (143, 62, 5) (567, 63, 3) (755, 64, 8) (364, 67,
4) (227, 68, 8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86, 5) (124, 88, 3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94,
6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
6) (263, 44, 8) (905, 46, 3) (695, 47, 6) (874, 49, 6) (580, 52, 6) (276, 54,
8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86,
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8) (197, 72, 8) (730, 74, 3) (831, 75, 3) (844, 76, 5) (796, 78, 8) (407, 80,
7) (71, 82, 5) (372, 84, 8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93,
8) (633, 96, 8) (892, 97, 7)
5) (130, 47, 3) (550, 48, 6) (483, 50, 5) (605, 52, 6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68,
6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79,
6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
5) (133, 58, 8) (556, 62, 8) (25, 65, 3) (137, 66, 5) (549, 67, 6) (20, 69,
8) (156, 71, 3) (893, 71, 5) (511, 73, 8) (612, 76, 5) (474, 77, 8) (861, 79,
5) (106, 81, 5) (29, 83, 8) (94, 86, 4) (54, 87, 5) (87, 89, 8) (112, 92,
6) (355, 45, 3) (78, 46, 6) (32, 48, 4) (363, 49, 7) (652, 51, 3) (160, 53,
8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95,
  Queue #17: (589, 37, 3)(746, 38, 4)(690, 39, 5)(801, 41, 8)(183, 44,
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4) (621, 56, 6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65, 3) (681, 66,
8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
4) (247, 45, 4) (305, 46, 7) (752, 48, 4) (552, 49, 6) (24, 52, 5) (712, 53,
5) (785, 66, 5) (789, 67, 5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94,
8) (815, 96, 3) (282, 97, 8)
6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96,
6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
   Maximum simulation time: 200
   Time: 101
8) (167, 81, 6) (171, 84, 6) (727, 85, 3) (838, 86, 8) (720, 89, 4) (657, 91,
6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
7) (732, 46, 6) (36, 48, 8) (726, 50, 3) (504, 52, 8) (619, 54, 6) (719, 58, 6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67, 7) (410, 69, 4) (114, 70,
4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
8) (301, 45, 6) (863, 46, 4) (150, 48, 7) (484, 50, 3) (591, 51, 6) (50, 54, 4) (211, 55, 7) (795, 59, 4) (324, 61, 3) (943, 62, 6) (682, 64, 8) (279, 67, 4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 72, 8) (451, 75, 8) (902, 77,
5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
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8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79,
6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86, 5) (124, 88,
3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76,
8) (197, 72, 8) (730, 74, 3) (831, 75, 3) (844, 76, 5) (796, 78, 8) (407, 80,
4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88,
4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
7) (991, 48, 7) (531, 51, 6) (578, 53, 7) (111, 56, 3) (4, 59, 3) (153, 60, 6) (995, 62, 6) (944, 64, 7) (42, 67, 7) (742, 68, 6) (582, 70, 7) (639, 72,
6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
8) (970, 49, 3) (478, 51, 6) (270, 53, 3) (447, 54, 8) (287, 59, 4) (375, 60,
8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95,
3) (543, 45, 3) (806, 46, 7) (935, 48, 4) (996, 49, 6) (851, 52, 3) (332, 53,
6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91,
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5) (133, 58, 8) (556, 62, 8) (25, 65, 3) (137, 66, 5) (549, 67, 6) (20, 69, 4) (857, 69, 8) (307, 72, 3) (154, 73, 7) (573, 75, 8) (129, 78, 5) (450, 79,
7) (988, 80, 5) (778, 82, 8) (77, 86, 5) (96, 87, 4) (729, 88, 7) (951, 91,
6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
6) (803, 54, 4) (173, 57, 7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75,
6) (91, 97, 8) (493, 99, 7)
5) (661, 45, 8) (744, 48, 5) (72, 50, 5) (897, 51, 3) (182, 53, 5) (604, 54, 4) (621, 56, 6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65, 3) (681, 66, 5) (699, 67, 8) (959, 69, 5) (574, 71, 4) (654, 72, 6) (117, 74, 3) (718, 75,
8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
5) (785, 66, 5) (789, 67, 5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94,
8) (815, 96, 3) (282, 97, 8)
4) (258, 47, 7) (647, 49, 8) (8, 53, 3) (781, 53, 5) (593, 55, 5) (320, 59,
7) (673, 62, 7) (500, 64, 5) (449, 66, 7) (104, 68, 3) (187, 69, 8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96,
3) (100, 97, 4) (799, 97, 6)
    Time: 102
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6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67, 7) (410, 69, 4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (040, 03, 5) (734, 05, 03)
6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86, 5) (124, 88, 3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
6) (764, 56, 8) (818, 61, 5) (300, 63, 8) (394, 66, 8) (308, 68, 4) (649, 69,
6) (98, 71, 7) (64, 73, 7) (468, 75, 6) (230, 77, 3) (245, 78, 8) (401, 80,
8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
8) (197, 72, 8) (730, 74, 3) (831, 75, 3) (844, 76, 5) (796, 78, 8) (407, 80,
8) (633, 96, 8) (892, 97, 7)
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6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
6) (459, 71, 7) (387, 73, 3) (956, 73, 3) (540, 75, 4) (912, 76, 5) (890, 78,
7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
8) (970, 49, 3) (478, 51, 6) (270, 53, 3) (447, 54, 8) (287, 59, 4) (375, 60,
8) (265, 97, 8) (847, 99, 3)
Queue #13: (134, 37, 1) (650, 38, 5) (555, 40, 7) (981, 42, 6) (477, 44,
6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79,
6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91,
8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98,
 Queue #14: (323, 36, 2)(350, 39, 8)(779, 41, 5)(337, 43, 5)(950, 44,
6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
5) (106, 81, 5) (29, 83, 8) (94, 86, 4) (54, 87, 5) (87, 89, 8) (112, 92,
3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
6) (355, 45, 3) (78, 46, 6) (32, 48, 4) (363, 49, 7) (652, 51, 3) (160, 53,
6) (91, 97, 8) (493, 99, 7)
5) (661, 45, 8) (744, 48, 5) (72, 50, 5) (897, 51, 3) (182, 53, 5) (604, 54, 4) (621, 56, 6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65, 3) (681, 66,
8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
4) (12, 55, 4) (822, 57, 3) (711, 59, 4) (67, 61, 7) (715, 63, 3) (175, 65, 5) (785, 66, 5) (789, 67, 5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83,
8) (815, 96, 3) (282, 97, 8)
```

```
6) (257, 60, 5) (770, 62, 7) (205, 65, 6) (930, 66, 8) (400, 69, 6) (978, 70,
3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80,
6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67, 7) (410, 69, 4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92,
4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
6) (863, 46, 4) (150, 48, 7) (484, 50, 3) (591, 51, 6) (50, 54, 4) (211, 55,
3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
6) (318, 60, 3) (143, 62, 5) (567, 63, 3) (755, 64, 8) (364, 67, 4) (227, 68,
8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86, 5) (124, 88, 3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
6) (98, 71, 7) (64, 73, 7) (468, 75, 6) (230, 77, 3) (245, 78, 8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94,
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5) (985, 45, 4) (70, 47, 3) (397, 48, 3) (311, 49, 4) (584, 50, 8) (528, 53, 5) (338, 55, 4) (834, 57, 3) (33, 60, 4) (830, 61, 8) (275, 64, 7) (855, 66, 6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76,
7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86,
6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95,
3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
Queue #8: (846, 37, 1) (286, 39, 4) (303, 40, 7) (625, 42, 3) (530, 43, 6) (514, 45, 5) (43, 47, 6) (957, 48, 8) (620, 51, 8) (487, 54, 4) (748, 55,
8) (197, 72, 8) (730, 74, 3) (831, 75, 3) (844, 76, 5) (796, 78, 8) (407, 80,
8) (633, 96, 8) (892, 97, 7)
5) (130, 47, 3) (550, 48, 6) (483, 50, 5) (605, 52, 6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77,
4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
7) (387, 73, 3) (956, 73, 3) (540, 75, 4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80,
7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95,
6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
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8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97,
8) (493, 99, 7)
  Queue #17: (746, 38, 4)(690, 39, 5)(801, 41, 8)(183, 44, 5)(661, 45,
8) (744, 48, 5) (72, 50, 5) (897, 51, 3) (182, 53, 5) (604, 54, 4) (621, 56,
6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65, 3) (681, 66, 5) (699, 67,
8) (959, 69, 5) (574, 71, 4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78,
6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
6) (257, 60, 5) (770, 62, 7) (205, 65, 6) (930, 66, 8) (400, 69, 6) (978, 70,
  Time: 104
8) (167, 81, 6) (171, 84, 6) (727, 85, 3) (838, 86, 8) (720, 89, 4) (657, 91,
6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
48, 8) (726, 50, 3) (504, 52, 8) (619, 54, 6) (719, 58, 6) (201, 61, 3) (856,
3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
6) (863, 46, 4) (150, 48, 7) (484, 50, 3) (591, 51, 6) (50, 54, 4) (211, 55,
7) (795, 59, 4) (324, 61, 3) (943, 62, 6) (682, 64, 8) (279, 67, 4) (215, 68,
```



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6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80,
8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
Queue #5: (63, 38, 4) (914, 39, 7) (509, 42, 3) (499, 43, 3) (238, 44,
8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79,
6) (98, 71, 7) (64, 73, 7) (468, 75, 6) (230, 77, 3) (245, 78, 8) (401, 80,
8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94,
4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
 Queue #7: (267, 39, 5)(254, 41, 5)(97, 42, 7)(393, 44, 5)(985, 45,
8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78,
6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86, 6) (421, 87,
5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97,
8) (892, 97, 7)
5) (130, 47, 3) (550, 48, 6) (483, 50, 5) (605, 52, 6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68,
6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
8) (22, 62, 8) (445, 64, 4) (848, 65, 8) (21, 68, 6) (759, 69, 6) (459, 71,
7) (387, 73, 3) (956, 73, 3) (540, 75, 4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
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```
8) (865, 60, 5) (113, 63, 8) (66, 66, 4) (51, 67, 7) (756, 68, 6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80,
3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94,
4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
6) (362, 96, 8) (737, 97, 5)
3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
3) (78, 46, 6) (32, 48, 4) (363, 49, 7) (652, 51, 3) (160, 53, 6) (803, 54,
8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86,
8) (493, 99, 7)
8) (744, 48, 5) (72, 50, 5) (897, 51, 3) (182, 53, 5) (604, 54, 4) (621, 56,
8) (959, 69, 5) (574, 71, 4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85, 7) (198, 87, 7) (632, 90, 8) (294, 93,
6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
4) (822, 57, 3) (711, 59, 4) (67, 61, 7) (715, 63, 3) (175, 65, 5) (785, 66,
5) (789, 67, 5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96,
3) (282, 97, 8)
4) (799, 97, 6)
6) (257, 60, 5) (770, 62, 7) (205, 65, 6) (930, 66, 8) (400, 69, 6) (978, 70,
3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
   Maximum simulation time: 200
   Number of clients: 1000
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Time: 105
5) (93, 61, 5) (210, 63, 3) (936, 63, 7) (800, 66, 8) (417, 68, 8) (979, 70, 4) (989, 71, 3) (56, 73, 5) (700, 74, 6) (816, 76, 4) (885, 77, 5) (336, 79,
6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
6) (863, 46, 4) (150, 48, 7) (484, 50, 3) (591, 51, 6) (50, 54, 4) (211, 55,
8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91,
8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79,
6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86, 5) (124, 88,
3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
8) (818, 61, 5) (300, 63, 8) (394, 66, 8) (308, 68, 4) (649, 69, 6) (98, 71,
8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95,
8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78,
6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86, 6) (421, 87,
5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97,
  Queue #9: (877, 37, 3)(486, 40, 8)(120, 43, 5)(453, 44, 4)(560, 45,
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4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68,
3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
   Queue #10: (13, 38, 3)(525, 40, 8)(204, 43, 8)(523, 45, 4)(842, 46,
6) (995, 62, 6) (944, 64, 7) (42, 67, 7) (742, 68, 6) (582, 70, 7) (639, 72, 3) (366, 73, 5) (955, 74, 7) (346, 77, 8) (793, 79, 8) (457, 81, 3) (733, 82, 6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, Queue #11: (522, 38, 1) (572, 39, 3) (271, 41, 8) (316, 43, 5) (587, 44, 5)
6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80,
8) (265, 97, 8) (847, 99, 3)
5) (778, 82, 8) (77, 86, 5) (96, 87, 4) (729, 88, 7) (951, 91, 6) (562, 94,
6) (362, 96, 8) (737, 97, 5)
3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
4) (173, 57, 7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67,
8) (493, 99, 7)
   Queue #17: (746, 38, 2)(690, 39, 5)(801, 41, 8)(183, 44, 5)(661, 45,
8) (744, 48, 5) (72, 50, 5) (897, 51, 3) (182, 53, 5) (604, 54, 4) (621, 56, 6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65, 3) (681, 66, 5) (699, 67,
4) (822, 57, 3) (711, 59, 4) (67, 61, 7) (715, 63, 3) (175, 65, 5) (785, 66, 5) (789, 67, 5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75
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7) (500, 64, 5) (449, 66, 7) (104, 68, 3) (187, 69, 8) (345, 71, 6) (858, 72,
7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84,
4) (799, 97, 6)
Queue #20: (356, 38, 4)(420, 41, 5)(158, 42, 5)(3, 44, 7)(595, 46, 7)(878, 48, 5)(136, 50, 5)(88, 52, 5)(965, 53, 4)(103, 55, 3)(628, 56,
  Arrival time interval: [10, 100]
6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
48, 8) (726, 50, 3) (504, 52, 8) (619, 54, 6) (719, 58, 6) (201, 61, 3) (856,
3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
 Queue #3: (527, 39, 5)(643, 41, 4)(369, 42, 8)(301, 45, 6)(863, 46,
5) (471, 61, 6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70,
6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
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8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95,
7) (391, 97, 6) (312, 99, 3)
4) (70, 47, 3) (397, 48, 3) (311, 49, 4) (584, 50, 8) (528, 53, 5) (338, 55, 4) (834, 57, 3) (33, 60, 4) (830, 61, 8) (275, 64, 7) (855, 66, 6) (333, 68,
8) (892, 97, 7)
4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88,
4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
6) (995, 62, 6) (944, 64, 7) (42, 67, 7) (742, 68, 6) (582, 70, 7) (639, 72, 3) (366, 73, 5) (955, 74, 7) (346, 77, 8) (793, 79, 8) (457, 81, 3) (733, 82,
8) (445, 64, 4) (848, 65, 8) (21, 68, 6) (759, 69, 6) (459, 71, 7) (387, 73,
8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
8) (970, 49, 3) (478, 51, 6) (270, 53, 3) (447, 54, 8) (287, 59, 4) (375, 60,
8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 79, 7)
8) (265, 97, 8) (847, 99, 3)
6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80,
3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94,
4)(470, 95, 4)(713, 96, 8)(683, 98, 7)
7) (214, 47, 7) (473, 49, 4) (505, 51, 8) (176, 54, 8) (277, 58, 5) (623, 60,
```



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8) (156, 71, 3) (893, 71, 5) (511, 73, 8) (612, 76, 5) (474, 77, 8) (861, 79,
3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
3) (78, 46, 6) (32, 48, 4) (363, 49, 7) (652, 51, 3) (160, 53, 6) (803, 54,
4)(173, 57, 7)(65, 61, 8)(849, 63, 4)(588, 65, 3)(590, 66, 3)(691, 67,
8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97,
8) (959, 69, 5) (574, 71, 4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85, 7) (198, 87, 7) (632, 90, 8) (294, 93,
5) (789, 67, 5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75,
3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96,
6) (257, 60, 5) (770, 62, 7) (205, 65, 6) (930, 66, 8) (400, 69, 6) (978, 70,
3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80,
   Time: 107
6) (264, 47, 7) (283, 50, 5) (242, 52, 5) (44, 54, 7) (689, 56, 3) (443, 59, 5) (93, 61, 5) (210, 63, 3) (936, 63, 7) (800, 66, 8) (417, 68, 8) (979, 70, 4) (989, 71, 3) (56, 73, 5) (700, 74, 6) (816, 76, 4) (885, 77, 5) (336, 79,
6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
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4) (324, 61, 3) (943, 62, 6) (682, 64, 8) (279, 67, 4) (215, 68, 3) (431, 69,
8) (491, 96, 8) (860, 97, 7)
8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79,
6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86, 5) (124, 88,
3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96,
4) (262, 97, 6) (745, 98, 7)
8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95,
4) (70, 47, 3) (397, 48, 3) (311, 49, 4) (584, 50, 8) (528, 53, 5) (338, 55, 4) (834, 57, 3) (33, 60, 4) (830, 61, 8) (275, 64, 7) (855, 66, 6) (333, 68,
6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86, 6) (421, 87,
5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97,
8) (892, 97, 7)
4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88,
4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8) Queue #11: (572, 39, 2) (271, 41, 8) (316, 43, 5) (587, 44, 5) (786, 46,
8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94,
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3)(259, 62, 3)(997, 62, 6)(412, 65, 7)(518, 67, 7)(569, 69, 5)(634, 70, 8)(772, 72, 5)(16, 74, 7)(922, 76, 3)(472, 77, 5)(239, 79, 5)(636, 80,
7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95,
8) (265, 97, 8) (847, 99, 3)
3) (806, 46, 7) (935, 48, 4) (996, 49, 6) (851, 52, 3) (332, 53, 8) (566, 56,
8) (865, 60, 5) (113, 63, 8) (66, 66, 4) (51, 67, 7) (756, 68, 6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80,
8) (556, 62, 8) (25, 65, 3) (137, 66, 5) (549, 67, 6) (20, 69, 4) (857, 69,
6) (362, 96, 8) (737, 97, 5)
8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97,
8) (493, 99, 7)
5) (72, 50, 5) (897, 51, 3) (182, 53, 5) (604, 54, 4) (621, 56, 6) (194, 60,
5) (574, 71, 4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85, 7) (198, 87, 7) (632, 90, 8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
6) (257, 60, 5) (770, 62, 7) (205, 65, 6) (930, 66, 8) (400, 69, 6) (978, 70,
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Arrival time interval: [10, 100]
  Time: 108
  Queue #1: (891, 39, 7)(235, 42, 4)(899, 43, 7)(676, 45, 6)(264, 47,
8) (726, 50, 3) (504, 52, 8) (619, 54, 6) (719, 58, 6) (201, 61, 3) (856, 62,
3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71,
6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83,
4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91, 8) (706, 93,
8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
6) (312, 99, 3)
6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86, 6) (421, 87,
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8) (342, 65, 6) (15, 67, 6) (354, 68, 5) (792, 69, 8) (197, 72, 8) (730, 74,
8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)

Queue #9: (486, 40, 8) (120, 43, 5) (453, 44, 4) (560, 45, 5) (130, 47,
3) (550, 48, 6) (483, 50, 5) (605, 52, 6) (331, 54, 3) (541, 55, 4) (879, 57,
8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69,
7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)

Queue #10: (525, 40, 8) (204, 43, 8) (523, 45, 4) (842, 46, 7) (991, 48,
Queue #11: (572, 39, 1)(271, 41, 8)(316, 43, 5)(587, 44, 5)(786, 46, 8)(86, 49, 5)(687, 50, 6)(26, 53, 5)(565, 54, 5)(108, 57, 8)(22, 62,
8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94,
6) (285, 96, 8) (688, 97, 7)
8) (970, 49, 3) (478, 51, 6) (270, 53, 3) (447, 54, 8) (287, 59, 4) (375, 60, 3) (259, 62, 3) (997, 62, 6) (412, 65, 7) (518, 67, 7) (569, 69, 5) (634, 70,
7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95,
8) (265, 97, 8) (847, 99, 3)
8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95,
4) (713, 96, 8) (683, 98, 7)
6) (362, 96, 8) (737, 97, 5)
  Queue #15: (898, 40, 5)(17, 42, 7)(163, 44, 3)(347, 45, 7)(214, 47,
8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97,
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```
7) (752, 48, 4) (552, 49, 6) (24, 52, 5) (712, 53, 4) (12, 55, 4) (822, 57, 3) (711, 59, 4) (67, 61, 7) (715, 63, 3) (175, 65, 5) (785, 66, 5) (789, 67,
8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87,
4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97,
7) (647, 49, 8) (8, 53, 3) (781, 53, 5) (593, 55, 5) (320, 59, 7) (673, 62,
4) (799, 97, 6)
6) (257, 60, 5) (770, 62, 7) (205, 65, 6) (930, 66, 8) (400, 69, 6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93,
   Arrival time interval: [10, 100]
   Time: 109
5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
8) (726, 50, 3) (504, 52, 8) (619, 54, 6) (719, 58, 6) (201, 61, 3) (856, 62,
7) (984, 70, 6) (671, 72, 8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82,
8) (491, 96, 8) (860, 97, 7)
8) (568, 47, 8) (492, 50, 8) (405, 53, 4) (666, 54, 7) (696, 59, 5) (471, 61, 6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71,
7) (170, 48, 5) (797, 49, 7) (932, 52, 3) (422, 53, 8) (741, 56, 6) (318, 60,
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6) (745, 98, 7)
   Queue #6: (207, 40, 2)(648, 41, 4)(554, 42, 6)(263, 44, 8)(905, 46,
3) (695, 47, 6) (874, 49, 6) (580, 52, 6) (276, 54, 6) (764, 56, 8) (818, 61,
6) (312, 99, 3)
3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98,
6) (957, 48, 8) (620, 51, 8) (487, 54, 4) (748, 55, 8) (637, 60, 3) (722, 62,
8) (342, 65, 6) (15, 67, 6) (354, 68, 5) (792, 69, 8) (197, 72, 8) (730, 74,
8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7) Queue #9: (486, 40, 7) (120, 43, 5) (453, 44, 4) (560, 45, 5) (130, 47,
8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69,
5) (687, 50, 6) (26, 53, 5) (565, 54, 5) (108, 57, 8) (22, 62, 8) (445, 64, 4) (848, 65, 8) (21, 68, 6) (759, 69, 6) (459, 71, 7) (387, 73, 3) (956, 73,
8) (688, 97, 7)
8) (847, 99, 3)
8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
5) (778, 82, 8) (77, 86, 5) (96, 87, 4) (729, 88, 7) (951, 91, 6) (562, 94,
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5) (29, 83, 8) (94, 86, 4) (54, 87, 5) (87, 89, 8) (112, 92, 3) (280, 93,
8) (367, 96, 7) (651, 97, 7)
3) (78, 46, 6) (32, 48, 4) (363, 49, 7) (652, 51, 3) (160, 53, 6) (803, 54,
8) (493, 99, 7)
5) (72, 50, 5) (897, 51, 3) (182, 53, 5) (604, 54, 4) (621, 56, 6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65, 3) (681, 66, 5) (699, 67, 8) (959, 69,
8) (225, 82, 7) (321, 85, 7) (198, 87, 7) (632, 90, 8) (294, 93, 6) (570, 95,
4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
7) (752, 48, 4) (552, 49, 6) (24, 52, 5) (712, 53, 4) (12, 55, 4) (822, 57, 3) (711, 59, 4) (67, 61, 7) (715, 63, 3) (175, 65, 5) (785, 66, 5) (789, 67,
4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97,
4) (799, 97, 6)
5) (136, 50, 5) (88, 52, 5) (965, 53, 4) (103, 55, 3) (628, 56, 6) (257, 60,
4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
   Time: 110
 Queue #2: (913, 39, 5)(330, 42, 5)(62, 44, 7)(732, 46, 6)(36, 48,
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3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95,
3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
   Queue #3: (527, 39, 1)(643, 41, 4)(369, 42, 8)(301, 45, 6)(863, 46,
7) (984, 70, 6) (671, 72, 8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71,
6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91, 8) (706, 93,
8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
3) (143, 62, 5) (567, 63, 3) (755, 64, 8) (364, 67, 4) (227, 68, 8) (414, 70,
3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79,
3) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89,
5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98,
8) (342, 65, 6) (15, 67, 6) (354, 68, 5) (792, 69, 8) (197, 72, 8) (730, 74,
8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
3) (550, 48, 6) (483, 50, 5) (605, 52, 6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69,
6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90,
4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
4) (848, 65, 8) (21, 68, 6) (759, 69, 6) (459, 71, 7) (387, 73, 3) (956, 73,
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5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82,
8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97,
8) (847, 99, 3)
6) (362, 96, 8) (737, 97, 5)
8) (367, 96, 7) (651, 97, 7)
6) (32, 48, 4) (363, 49, 7) (652, 51, 3) (160, 53, 6) (803, 54, 4) (173, 57,
4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 194)
6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
5) (574, 71, 4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85, 7) (198, 87, 7) (632, 90, 8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97,
7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84,
4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97,
4) (799, 97, 6)
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Time: 111
6) (171, 84, 6) (727, 85, 3) (838, 86, 8) (720, 89, 4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84,
6) (671, 72, 8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84,
8) (860, 97, 7)
6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83,
4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91, 8) (706, 93,
8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86, 5) (124, 88, 3) (946, 89,
6) (874, 49, 6) (580, 52, 6) (276, 54, 6) (764, 56, 8) (818, 61, 5) (300, 63, 8) (394, 66, 8) (308, 68, 4) (649, 69, 6) (98, 71, 7) (64, 73, 7) (468, 75,
7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99,
3) (751, 99, 6)
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7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78,
6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90,
4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
4) (848, 65, 8) (21, 68, 6) (759, 69, 6) (459, 71, 7) (387, 73, 3) (956, 73,
8) (688, 97, 7)
8) (847, 99, 3)
7) (935, 48, 4) (996, 49, 6) (851, 52, 3) (332, 53, 8) (566, 56, 8) (865, 60,
8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
8) (556, 62, 8) (25, 65, 3) (137, 66, 5) (549, 67, 6) (20, 69, 4) (857, 69,
8) (307, 72, 3) (154, 73, 7) (573, 75, 8) (129, 78, 5) (450, 79, 7) (988, 80,
6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99,
Queue #17: (690, 39, 1) (801, 41, 8) (183, 44, 5) (661, 45, 8) (744, 48, 5) (72, 50, 5) (897, 51, 3) (182, 53, 5) (604, 54, 4) (621, 56, 6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65, 3) (681, 66, 5) (699, 67, 8) (959, 69,
7) (752, 48, 4) (552, 49, 6) (24, 52, 5) (712, 53, 4) (12, 55, 4) (822, 57,
```

```
5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
8) (8, 53, 3) (781, 53, 5) (593, 55, 5) (320, 59, 7) (673, 62, 7) (500, 64,
5) (449, 66, 7) (104, 68, 3) (187, 69, 8) (345, 71, 6) (858, 72, 7) (221, 75,
6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6) Queue #20: (420, 41, 3) (158, 42, 5) (3, 44, 7) (595, 46, 7) (878, 48, 5) (136, 50, 5) (88, 52, 5) (965, 53, 4) (103, 55, 3) (628, 56, 6) (257, 60,
   Arrival time interval: [10, 100]
5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
8) (726, 50, 3) (504, 52, 8) (619, 54, 6) (719, 58, 6) (201, 61, 3) (856, 62,
7) (341, 65, 7) (76, 67, 7) (410, 69, 4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 6)
3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
  Queue #3: (643, 41, 3)(369, 42, 8)(301, 45, 6)(863, 46, 4)(150, 48,
8) (860, 97, 7)
8) (568, 47, 8) (492, 50, 8) (405, 53, 4) (666, 54, 7) (69<u>6, 59, 5) (471, 61, </u>
6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71,
6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83,
8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
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```
6) (745, 98, 7)
6) (874, 49, 6) (580, 52, 6) (276, 54, 6) (764, 56, 8) (818, 61, 5) (300, 63, 8) (394, 66, 8) (308, 68, 4) (649, 69, 6) (98, 71, 7) (64, 73, 7) (468, 75, 6) (230, 77, 3) (245, 78, 8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86,
7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99,
3) (397, 48, 3) (311, 49, 4) (584, 50, 8) (528, 53, 5) (338, 55, 4) (834, 57,
8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69,
7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)

Queue #10: (525, 40, 4) (204, 43, 8) (523, 45, 4) (842, 46, 7) (991, 48,
6) (944, 64, 7) (42, 67, 7) (742, 68, 6) (582, 70, 7) (639, 72, 3) (366, 73,
Queue #11: (271, 41, 5) (316, 43, 5) (587, 44, 5) (786, 46, 8) (86, 49, 5) (687, 50, 6) (26, 53, 5) (565, 54, 5) (108, 57, 8) (22, 62, 8) (445, 64,
3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96,
8) (688, 97, 7)
3) (478, 51, 6) (270, 53, 3) (447, 54, 8) (287, 59, 4) (375, 60, 3) (259, 62, 3) (997, 62, 6) (412, 65, 7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72,
8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97,
8) (847, 99, 3)
4) (713, 96, 8) (683, 98, 7)
4) (360, 49, 6) (536, 51, 6) (667, 53, 4) (739, 54, 5) (133, 58, 8) (556, 62,
   Queue #15: (898, 40, 1)(17, 42, 7)(163, 44, 3)(347, 45, 7)(214, 47,
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7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69,
4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77,
4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87,
6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99,
5) (897, 51, 3) (182, 53, 5) (604, 54, 4) (621, 56, 6) (194, 60, 3) (79, 62,
6) (613, 63, 5) (777, 65, 3) (681, 66, 5) (699, 67, 8) (959, 69, 5) (574, 71, 4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82,
4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97,
8) (8, 53, 3) (781, 53, 5) (593, 55, 5) (320, 59, 7) (673, 62, 7) (500, 64,
6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
5) (136, 50, 5) (88, 52, 5) (965, 53, 4) (103, 55, 3) (628, 56, 6) (257, 60,
  Number of clients: 1000
  Time: 113
6) (171, 84, 6) (727, 85, 3) (838, 86, 8) (720, 89, 4) (657, 91, 6) (413, 93,
5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
8) (726, 50, 3) (504, 52, 8) (619, 54, 6) (719, 58, 6) (201, 61, 3) (856, 62,
7) (484, 50, 3) (591, 51, 6) (50, 54, 4) (211, 55, 7) (795, 59, 4) (324, 61,
```



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6) (671, 72, 8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96,
8) (860, 97, 7)
8) (492, 50, 8) (405, 53, 4) (666, 54, 7) (696, 59, 5) (471, 61, 6) (564, 63,
5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71, 6) (660, 73,
8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84,
8) (394, 66, 8) (308, 68, 4) (649, 69, 6) (98, 71, 7) (64, 73, 7) (468, 75,
6) (230, 77, 3) (245, 78, 8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86,
7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99, Queue #7: (254, 41, 1) (97, 42, 7) (393, 44, 5) (985, 45, 4) (70, 47, 3) (397, 48, 3) (311, 49, 4) (584, 50, 8) (528, 53, 5) (338, 55, 4) (834, 57,
8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
3) (550, 48, 6) (483, 50, 5) (605, 52, 6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78,
7) (531, 51, 6) (578, 53, 7) (111, 56, 3) (4, 59, 3) (153, 60, 6) (995, 62, 6) (944, 64, 7) (42, 67, 7) (742, 68, 6) (582, 70, 7) (639, 72, 3) (366, 73,
```



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8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95,
4) (713, 96, 8) (683, 98, 7)
4) (360, 49, 6) (536, 51, 6) (667, 53, 4) (739, 54, 5) (133, 58, 8) (556, 62,
8) (737, 97, 5)
6) (32, 48, 4) (363, 49, 7) (652, 51, 3) (160, 53, 6) (803, 54, 4) (173, 57,
7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69,
4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
6) (613, 63, 5) (777, 65, 3) (681, 66, 5) (699, 67, 8) (959, 69, 5) (574, 71,
4) (67, 61, 7) (715, 63, 3) (175, 65, 5) (785, 66, 5) (789, 67, 5) (616, 69,
4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79,
6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
  Arrival time interval: [10, 100]
   Service time interval: [3, 9]
  Time: 114
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6) (171, 84, 6) (727, 85, 3) (838, 86, 8) (720, 89, 4) (657, 91, 6) (413, 93,
5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
8) (860, 97, 7)
8) (492, 50, 8) (405, 53, 4) (666, 54, 7) (696, 59, 5) (471, 61, 6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71, 6) (660, 73,
5) (314, 97, 6) (766, 98, 4)
6) (745, 98, 7)
6) (874, 49, 6) (580, 52, 6) (276, 54, 6) (764, 56, 8) (818, 61, 5) (300, 63,
8) (394, 66, 8) (308, 68, 4) (649, 69, 6) (98, 71, 7) (64, 73, 7) (468, 75, 6) (230, 77, 3) (245, 78, 8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99,
8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
3) (550, 48, 6) (483, 50, 5) (605, 52, 6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69,
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3) (540, 75, 4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8) (313, 85,
8) (688, 97, 7)
8) (847, 99, 3)
6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95,
4) (713, 96, 8) (683, 98, 7)
8) (737, 97, 5)
7) (651, 97, 7)
8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90,
8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85, 7) (198, 87, 7) (632, 90, 8) (294, 93, 6) (570, 95, 4) (780, 96,
4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79,
6)(41, 88, 7)(611, 91, 7)(907, 93, 8)(672, 96, 3)(100, 97, 4)(799, 97, 6)
  Queue #20: (158, 42, 5)(3, 44, 7)(595, 46, 7)(878, 48, 5)(136, 50,
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5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97,
5) (510, 98, 6)
   Number of clients: 1000
  Service time interval: [3, 9]
5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86,
6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96,
8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86,
4) (219, 87, 7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
8) (492, 50, 8) (405, 53, 4) (666, 54, 7) (696, 59, 5) (471, 61, 6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71, 6) (660, 73,
8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84,
5) (314, 97, 6) (766, 98, 4)
  Queue #5: (509, 42, 3)(499, 43, 3)(238, 44, 5)(967, 45, 7)(170, 48,
3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
6) (580, 52, 6) (276, 54, 6) (764, 56, 8) (818, 61, 5) (300, 63, 8) (394, 66,
8) (308, 68, 4) (649, 69, 6) (98, 71, 7) (64, 73, 7) (468, 75, 6) (230, 77,
3) (245, 78, 8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99, 3)

Queue #7: (97, 42, 6) (393, 44, 5) (985, 45, 4) (70, 47, 3) (397, 48,
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8) (620, 51, 8) (487, 54, 4) (748, 55, 8) (637, 60, 3) (722, 62, 8) (342, 65,
7) (35, 90, 5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69,
7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
8) (688, 97, 7)
8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99,
8) (66, 66, 4) (51, 67, 7) (756, 68, 6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84,
8) (683, 98, 7)
4) (360, 49, 6) (536, 51, 6) (667, 53, 4) (739, 54, 5) (133, 58, 8) (556, 62,
8) (737, 97, 5)
  Queue #15: (17, 42, 5) (163, 44, 3) (347, 45, 7) (214, 47, 7) (473, 49,
8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69, 4) (867, 70,
5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79,
7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
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4) (552, 49, 6) (24, 52, 5) (712, 53, 4) (12, 55, 4) (822, 57, 3) (711, 59,
4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89,
3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
8) (8, 53, 3) (781, 53, 5) (593, 55, 5) (320, 59, 7) (673, 62, 7) (500, 64,
6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
   Time: 116
6) (727, 85, 3) (838, 86, 8) (720, 89, 4) (657, 91, 6) (413, 93, 5) (425, 95,
5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
Queue #2: (330, 42, 4)(62, 44, 7)(732, 46, 6)(36, 48, 8)(726, 50, 3)(504, 52, 8)(619, 54, 6)(719, 58, 6)(201, 61, 3)(856, 62, 7)(341, 65,
5) (513, 97, 6) (586, 99, 7)
6) (682, 64, 8) (279, 67, 4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 72, 8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
8) (405, 53, 4) (666, 54, 7) (696, 59, 5) (471, 61, 6) (564, 63, 5) (508, 65,
5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76,
6) (766, 98, 4)
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6) (580, 52, 6) (276, 54, 6) (764, 56, 8) (818, 61, 5) (300, 63, 8) (394, 66, 8) (308, 68, 4) (649, 69, 6) (98, 71, 7) (64, 73, 7) (468, 75, 6) (230, 77,
3) (245, 78, 8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89,
7) (102, 92, 6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
3) (311, 49, 4) (584, 50, 8) (528, 53, 5) (338, 55, 4) (834, 57, 3) (33, 60,
4) (830, 61, 8) (275, 64, 7) (855, 66, 6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79,
8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)

Queue #10: (204, 43, 8) (523, 45, 4) (842, 46, 7) (991, 48, 7) (531, 51,
7) (42, 67, 7) (742, 68, 6) (582, 70, 7) (639, 72, 3) (366, 73, 5) (955, 74,
8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
5) (687, 50, 6) (26, 53, 5) (565, 54, 5) (108, 57, 8) (22, 62, 8) (445, 64, 4) (848, 65, 8) (21, 68, 6) (759, 69, 6) (459, 71, 7) (387, 73, 3) (956, 73,
8) (688, 97, 7)
6) (412, 65, 7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99,
   Queue #13: (981, 42, 5)(477, 44, 3)(543, 45, 3)(806, 46, 7)(935, 48,
8) (66, 66, 4) (51, 67, 7) (756, 68, 6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96,
8) (683, 98, 7)
8) (25, 65, 3) (137, 66, 5) (549, 67, 6) (20, 69, 4) (857, 69, 8) (307, 72,
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4) (363, 49, 7) (652, 51, 3) (160, 53, 6) (803, 54, 4) (173, 57, 7) (65, 61,
8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90,
8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
5) (897, 51, 3) (182, 53, 5) (604, 54, 4) (621, 56, 6) (194, 60, 3) (79, 62,
6) (613, 63, 5) (777, 65, 3) (681, 66, 5) (699, 67, 8) (959, 69, 5) (574, 71, 4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85, 7) (198, 87, 7) (632, 90, 8) (294, 93, 6) (570, 95, 4) (780, 96,
4) (67, 61, 7) (715, 63, 3) (175, 65, 5) (785, 66, 5) (789, 67, 5) (616, 69,
4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
8) (8, 53, 3) (781, 53, 5) (593, 55, 5) (320, 59, 7) (673, 62, 7) (500, 64,
5) (449, 66, 7) (104, 68, 3) (187, 69, 8) (345, 71, 6) (858, 72, 7) (221, 75,
   Time: 117
   All of the clients have already arrived.
3) (936, 63, 7) (800, 66, 8) (417, 68, 8) (979, 70, 4) (989, 71, 3) (56, 73, 5) (700, 74, 6) (816, 76, 4) (885, 77, 5) (336, 79, 8) (167, 81, 6) (171, 84, 6) (727, 85, 3) (838, 86, 8) (720, 89, 4) (657, 91, 6) (413, 93, 5) (425, 95,
5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
3) (504, 52, 8) (619, 54, 6) (719, 58, 6) (201, 61, 3) (856, 62, 7) (341, 65,
7) (76, 67, 7) (410, 69, 4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96,
5) (513, 97, 6) (586, 99, 7)
   Queue #3: (369, 42, 6)(301, 45, 6)(863, 46, 4)(150, 48, 7)(484, 50,
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8) (405, 53, 4) (666, 54, 7) (696, 59, 5) (471, 61, 6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76,
6) (766, 98, 4)
5) (797, 49, 7) (932, 52, 3) (422, 53, 8) (741, 56, 6) (318, 60, 3) (143, 62, 5) (567, 63, 3) (755, 64, 8) (364, 67, 4) (227, 68, 8) (414, 70, 7) (444, 72,
8) (308, 68, 4) (649, 69, 6) (98, 71, 7) (64, 73, 7) (468, 75, 6) (230, 77,
7) (544, 82, 4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99,
8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91,
4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
Queue #10: (204, 43, 7)(523, 45, 4)(842, 46, 7)(991, 48, 7)(531, 51, 6)(578, 53, 7)(111, 56, 3)(4, 59, 3)(153, 60, 6)(995, 62, 6)(944, 64,
8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
6) (412, 65, 7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74,
8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99,
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6) (536, 51, 6) (667, 53, 4) (739, 54, 5) (133, 58, 8) (556, 62, 8) (25, 65,
5) (96, 87, 4) (729, 88, 7) (951, 91, 6) (562, 94, 6) (362, 96, 8) (737, 97, 5) Queue #15: (17, 42, 3) (163, 44, 3) (347, 45, 7) (214, 47, 7) (473, 49,
4) (505, 51, 8) (176, 54, 8) (277, 58, 5) (623, 60, 6) (189, 63, 5) (45, 65,
3)(195, 66, 5)(557, 67, 3)(95, 68, 3)(80, 69, 8)(156, 71, 3)(893, 71,
5) (511, 73, 8) (612, 76, 5) (474, 77, 8) (861, 79, 5) (106, 81, 5) (29, 83,
4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82,
4) (466, 97, 3) (352, 98, 4)
4) (552, 49, 6) (24, 52, 5) (712, 53, 4) (12, 55, 4) (822, 57, 3) (711, 59,
3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
5) (88, 52, 5) (965, 53, 4) (103, 55, 3) (628, 56, 6) (257, 60, 5) (770, 62,
7) (205, 65, 6) (930, 66, 8) (400, 69, 6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97,
3) (936, 63, 7) (800, 66, 8) (417, 68, 8) (979, 70, 4) (989, 71, 3) (56, 73,
```



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3) (504, 52, 8) (619, 54, 6) (719, 58, 6) (201, 61, 3) (856, 62, 7) (341, 65,
5) (513, 97, 6) (586, 99, 7)
3)(591, 51, 6)(50, 54, 4)(211, 55, 7)(795, 59, 4)(324, 61, 3)(943, 62,
6) (682, 64, 8) (279, 67, 4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 72, 8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97,
3)(89, 76, 8)(28, 79, 4)(664, 79, 6)(954, 80, 3)(624, 81, 3)(677, 83,
3) (245, 78, 8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89,
3) (311, 49, 4) (584, 50, 8) (528, 53, 5) (338, 55, 4) (834, 57, 3) (33, 60, 4) (830, 61, 8) (275, 64, 7) (855, 66, 6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80,
5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
8) (487, 54, 4) (748, 55, 8) (637, 60, 3) (722, 62, 8) (342, 65, 6) (15, 67, 6) (354, 68, 5) (792, 69, 8) (197, 72, 8) (730, 74, 3) (831, 75, 3) (844, 76, 5) (796, 78, 8) (407, 80, 7) (71, 82, 5) (372, 84, 8) (52, 87, 7) (35, 90,
5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
   Queue #9: (120, 43, 3)(453, 44, 4)(560, 45, 5)(130, 47, 3)(550, 48,
6) (483, 50, 5) (605, 52, 6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62,
3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
6) (26, 53, 5) (565, 54, 5) (108, 57, 8) (22, 62, 8) (445, 64, 4) (848, 65,
```



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7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
8) (66, 66, 4) (51, 67, 7) (756, 68, 6) (808, 70, 6) (266, 72, 8) (845, 74,
4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84,
8) (683, 98, 7)
4) (505, 51, 8) (176, 54, 8) (277, 58, 5) (623, 60, 6) (189, 63, 5) (45, 65, 3) (195, 66, 5) (557, 67, 3) (95, 68, 3) (80, 69, 8) (156, 71, 3) (893, 71, 5) (511, 73, 8) (612, 76, 5) (474, 77, 8) (861, 79, 5) (106, 81, 5) (29, 83,
7) (651, 97, 7)
3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85, 7) (198, 87, 7) (632, 90, 8) (294, 93, 6) (570, 95, 4) (780, 96,
4) (466, 97, 3) (352, 98, 4)
6) (24, 52, 5) (712, 53, 4) (12, 55, 4) (822, 57, 3) (711, 59, 4) (67, 61,
6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
   Number of clients: 1000
   Service time interval: [3, 9]
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(24)

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5) (44, 54, 7) (689, 56, 3) (443, 59, 5) (93, 61, 5) (210, 63, 3) (936, 63,
4) (219, 87, 7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
4) (666, 54, 7) (696, 59, 5) (471, 61, 6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 85, 4) (2, 87, 
4) (109, 88, 5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98,
7) (814, 85, 3) (864, 86, 5) (124, 88, 3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
6) (580, 52, 6) (276, 54, 6) (764, 56, 8) (818, 61, 5) (300, 63, 8) (394, 66,
8) (308, 68, 4) (649, 69, 6) (98, 71, 7) (64, 73, 7) (468, 75, 6) (230, 77,
5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
6) (483, 50, 5) (605, 52, 6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (142, 77, 4) (184, 78, 6) (854, 79, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 1826, 182
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Queue #11: (316, 43, 3) (587, 44, 5) (786, 46, 8) (86, 49, 5) (687, 50, 6) (26, 53, 5) (565, 54, 5) (108, 57, 8) (22, 62, 8) (445, 64, 4) (848, 65,
7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97,
8) (683, 98, 7)
   Queue #14: (337, 43, 3)(950, 44, 3)(602, 45, 7)(769, 47, 4)(360, 49,
6) (536, 51, 6) (667, 53, 4) (739, 54, 5) (133, 58, 8) (556, 62, 8) (25, 65,
3) (137, 66, 5) (549, 67, 6) (20, 69, 4) (857, 69, 8) (307, 72, 3) (154, 73,
3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
5) (897, 51, 3) (182, 53, 5) (604, 54, 4) (621, 56, 6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65, 3) (681, 66, 5) (699, 67, 8) (959, 69, 5) (574, 71, 4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82,
5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
7) (104, 68, 3) (187, 69, 8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
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Arrival time interval: [10, 100]
  Time: 120
8) (619, 54, 6) (719, 58, 6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67,
6) (682, 64, 8) (279, 67, 4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 72,
4) (666, 54, 7) (696, 59, 5) (471, 61, 6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78,
4) (109, 88, 5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
7) (932, 52, 3) (422, 53, 8) (741, 56, 6) (318, 60, 3) (143, 62, 5) (567, 63, 3) (755, 64, 8) (364, 67, 4) (227, 68, 8) (414, 70, 7) (444, 72, 8) (928, 74,
3)(812, 92, 3)(919, 94, 6)(631, 96, 4)(262, 97, 6)(745, 98, 7)
6) (580, 52, 6) (276, 54, 6) (764, 56, 8) (818, 61, 5) (300, 63, 8) (394, 66, 69, 69)
8) (308, 68, 4) (649, 69, 6) (98, 71, 7) (64, 73, 7) (468, 75, 6) (230, 77,
3) (245, 78, 8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
4) (830, 61, 8) (275, 64, 7) (855, 66, 6) (333, 68, 8) (430, 70, 3) (418, 71,
4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80,
7) (544, 82, 4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
 Queue #9: (120, 43, 1)(453, 44, 4)(560, 45, 5)(130, 47, 3)(550, 48,
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3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91,
4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
6) (578, 53, 7) (111, 56, 3) (4, 59, 3) (153, 60, 6) (995, 62, 6) (944, 64,
7) (346, 77, 8) (793, 79, 8) (457, 81, 3) (733, 82, 6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99,
8) (683, 98, 7)
5) (96, 87, 4) (729, 88, 7) (951, 91, 6) (562, 94, 6) (362, 96, 8) (737, 97, 5) Queue #15: (163, 44, 3) (347, 45, 7) (214, 47, 7) (473, 49, 4) (505, 51,
4) (54, 87, 5) (87, 89, 8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, Queue #16: (386, 43, 3) (355, 45, 3) (78, 46, 6) (32, 48, 4) (363, 49,
3) (352, 98, 4)
Queue #18: (599, 43, 2)(247, 45, 4)(305, 46, 7)(752, 48, 4)(552, 49, 6)(24, 52, 5)(712, 53, 4)(12, 55, 4)(822, 57, 3)(711, 59, 4)(67, 61,
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6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86,
6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98,
   Arrival time interval: [10, 100]
7) (800, 66, 8) (417, 68, 8) (979, 70, 4) (989, 71, 3) (56, 73, 5) (700, 74, 6) (816, 76, 4) (885, 77, 5) (336, 79, 8) (167, 81, 6) (171, 84, 6) (727, 85, 3) (838, 86, 8) (720, 89, 4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96,
4) (475, 97, 6) (495, 99, 5)
8) (619, 54, 6) (719, 58, 6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67,
6) (682, 64, 8) (279, 67, 4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 72,
4) (219, 87, 7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97,
4) (666, 54, 7) (696, 59, 5) (471, 61, 6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78,
4) (109, 88, 5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98,
8) (364, 67, 4) (227, 68, 8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76,
3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
6) (276, 54, 6) (764, 56, 8) (818, 61, 5) (300, 63, 8) (394, 66, 8) (308, 68,
8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
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8) (487, 54, 4) (748, 55, 8) (637, 60, 3) (722, 62, 8) (342, 65, 6) (15, 67, 6) (354, 68, 5) (792, 69, 8) (197, 72, 8) (730, 74, 3) (831, 75, 3) (844, 76,
5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
5) (605, 52, 6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62, 7) (383, 64,
3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92,
7) (346, 77, 8) (793, 79, 8) (457, 81, 3) (733, 82, 6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
8) (21, 68, 6) (759, 69, 6) (459, 71, 7) (387, 73, 3) (956, 73, 3) (540, 75,
4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86,
8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99,
   Queue #14: (337, 43, 1)(950, 44, 3)(602, 45, 7)(769, 47, 4)(360, 49,
6) (536, 51, 6) (667, 53, 4) (739, 54, 5) (133, 58, 8) (556, 62, 8) (25, 65,
7) (573, 75, 8) (129, 78, 5) (450, 79, 7) (988, 80, 5) (778, 82, 8) (77, 86, 5) (96, 87, 4) (729, 88, 7) (951, 91, 6) (562, 94, 6) (362, 96, 8) (737, 97, Queue #15: (163, 44, 2) (347, 45, 7) (214, 47, 7) (473, 49, 4) (505, 51,
8) (176, 54, 8) (277, 58, 5) (623, 60, 6) (189, 63, 5) (45, 65, 3) (195, 66,
7) (652, 51, 3) (160, 53, 6) (803, 54, 4) (173, 57, 7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69, 4) (867, 70, 5) (903, 71,
3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
3) (182, 53, 5) (604, 54, 4) (621, 56, 6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65, 3) (681, 66, 5) (699, 67, 8) (959, 69, 5) (574, 71, 4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85, 1)
3) (352, 98, 4)
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5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88,
5) (965, 53, 4) (103, 55, 3) (628, 56, 6) (257, 60, 5) (770, 62, 7) (205, 65, 6) (930, 66, 8) (400, 69, 6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86,
6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98,
   Arrival time interval: [10, 100]
   Time: 122
3) (838, 86, 8) (720, 89, 4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87,
6) (586, 99,
6) (682, 64, 8) (279, 67, 4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 72,
4) (666, 54, 7) (696, 59, 5) (471, 61, 6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87,
4) (109, 88, 5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
3) (422, 53, 8) (741, 56, 6) (318, 60, 3) (143, 62, 5) (567, 63, 3) (755, 64,
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4) (584, 50, 8) (528, 53, 5) (338, 55, 4) (834, 57, 3) (33, 60, 4) (830, 61, 8) (275, 64, 7) (855, 66, 6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82,
4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93,
3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
8) (487, 54, 4) (748, 55, 8) (637, 60, 3) (722, 62, 8) (342, 65, 6) (15, 67, 6) (354, 68, 5) (792, 69, 8) (197, 72, 8) (730, 74, 3) (831, 75, 3) (844, 76, 5) (796, 78, 8) (407, 80, 7) (71, 82, 5) (372, 84, 8) (52, 87, 7) (35, 90,
8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
    Queue #13: (477, 44, 2)(543, 45, 3)(806, 46, 7)(935, 48, 4)(996, 49,
4) (51, 67, 7) (756, 68, 6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98,
4) (54, 87, 5) (87, 89, 8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
7) (652, 51, 3) (160, 53, 6) (803, 54, 4) (173, 57, 7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80,
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6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85,
3) (175, 65, 5) (785, 66, 5) (789, 67, 5) (616, 69, 4) (299, 70, 6) (908, 71,
4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81,
4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
5) (965, 53, 4) (103, 55, 3) (628, 56, 6) (257, 60, 5) (770, 62, 7) (205, 65, 6) (930, 66, 8) (400, 69, 6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86,
   Maximum simulation time: 200
   Arrival time interval: [10, 100]
   Time: 123
6) (816, 76, 4) (885, 77, 5) (336, 79, 8) (167, 81, 6) (171, 84, 6) (727, 85,
8) (619, 54, 6) (719, 58, 6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67,
6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87,
6) (586, 99, 7)
8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87,
7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
4) (666, 54, 7) (696, 59, 5) (471, 61, 6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85,
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8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92,
6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
4) (584, 50, 8) (528, 53, 5) (338, 55, 4) (834, 57, 3) (33, 60, 4) (830, 61, 8) (275, 64, 7) (855, 66, 6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82,
4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
6) (354, 68, 5) (792, 69, 8) (197, 72, 8) (730, 74, 3) (831, 75, 3) (844, 76,
5) (796, 78, 8) (407, 80, 7) (71, 82, 5) (372, 84, 8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92,
8)(249, 96, 3)(68, 97, 4)(610, 97, 7)
Queue #10: (204, 43, 1)(523, 45, 4)(842, 46, 7)(991, 48, 7)(531, 51,
7) (42, 67, 7) (742, 68, 6) (582, 70, 7) (639, 72, 3) (366, 73, 5) (955, 74,
3)(251, 90, 5)(926, 91, 6)(371, 94, 6)(285, 96, 8)(688, 97, 7)
3) (447, 54, 8) (287, 59, 4) (375, 60, 3) (259, 62, 3) (997, 62, 6) (412, 65, 7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87,
5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
   Queue #13: (477, 44, 1)(543, 45, 3)(806, 46, 7)(935, 48, 4)(996, 49,
6) (851, 52, 3) (332, 53, 8) (566, 56, 8) (865, 60, 5) (113, 63, 8) (66, 66,
4) (729, 88, 7) (951, 91, 6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
Queue #15: (347, 45, 7)(214, 47, 7)(473, 49, 4)(505, 51, 8)(176, 54, 8)(277, 58, 5)(623, 60, 6)(189, 63, 5)(45, 65, 3)(195, 66, 5)(557, 67,
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4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
Queue #17: (183, 44, 2) (661, 45, 8) (744, 48, 5) (72, 50, 5) (897, 51,
5) (777, 65, 3) (681, 66, 5) (699, 67, 8) (959, 69, 5) (574, 71, 4) (654, 72,
6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85,
Queue #18: (247, 45, 3)(305, 46, 7)(752, 48, 4)(552, 49, 6)(24, 52, 5)(712, 53, 4)(12, 55, 4)(822, 57, 3)(711, 59, 4)(67, 61, 7)(715, 63,
7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
5) (965, 53, 4) (103, 55, 3) (628, 56, 6) (257, 60, 5) (770, 62, 7) (205, 65, 6) (930, 66, 8) (400, 69, 6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
4) (475, 97, 6) (495, 99, 5)
6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87,
5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97,
6) (586, 99, 7)
7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
  Queue #4: (370, 45, 8) (568, 47, 8) (492, 50, 8) (405, 53, 4) (666, 54,
8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79,
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8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85,
3) (864, 86, 5) (124, 88, 3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92,
3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98,
6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
8) (275, 64, 7) (855, 66, 6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82,
3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
Queue #10: (523, 45, 4) (842, 46, 7) (991, 48, 7) (531, 51, 6) (578, 53,
8) (793, 79, 8) (457, 81, 3) (733, 82, 6) (826, 84, 7) (58, 87, 8) (232, 91,
8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
5) (565, 54, 5) (108, 57, 8) (22, 62, 8) (445, 64, 4) (848, 65, 8) (21, 68, 6) (759, 69, 6) (459, 71, 7) (387, 73, 3) (956, 73, 3) (540, 75, 4) (912, 76,
7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
  Queue #14: (950, 44, 1)(602, 45, 7)(769, 47, 4)(360, 49, 6)(536, 51,
8) (277, 58, 5) (623, 60, 6) (189, 63, 5) (45, 65, 3) (195, 66, 5) (557, 67,
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5) (87, 89, 8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
3) (590, 66, 3) (691, 67, 8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 90)
7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81,
4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85,
Queue #18: (247, 45, 2)(305, 46, 7)(752, 48, 4)(552, 49, 6)(24, 52, 5)(712, 53, 4)(12, 55, 4)(822, 57, 3)(711, 59, 4)(67, 61, 7)(715, 63,
4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92,
4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
3) (781, 53, 5) (593, 55, 5) (320, 59, 7) (673, 62, 7) (500, 64, 5) (449, 66, 7) (104, 68, 3) (187, 69, 8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88,
7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
6) (930, 66, 8) (400, 69, 6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
   Time: 125
6) (816, 76, 4) (885, 77, 5) (336, 79, 8) (167, 81, 6) (171, 84, 6) (727, 85,
3) (838, 86, 8) (720, 89, 4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96,
4) (475, 97, 6) (495, 99, 5)
8) (619, 54, 6) (719, 58, 6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67, 7) (410, 69, 4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87,
5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97,
6) (50, 54, 4) (211, 55, 7) (795, 59, 4) (324, 61, 3) (943, 62, 6) (682, 64,
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8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79,
6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88,
5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
6) (276, 54, 6) (764, 56, 8) (818, 61, 5) (300, 63, 8) (394, 66, 8) (308, 68,
6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
8) (275, 64, 7) (855, 66, 6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82,
4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84,
8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
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6) (20, 69, 4) (857, 69, 8) (307, 72, 3) (154, 73, 7) (573, 75, 8) (129, 78, 5) (450, 79, 7) (988, 80, 5) (778, 82, 8) (77, 86, 5) (96, 87, 4) (729, 88, 7) (951, 91, 6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
8) (277, 58, 5) (623, 60, 6) (189, 63, 5) (45, 65, 3) (195, 66, 5) (557, 67,
3) (95, 68, 3) (80, 69, 8) (156, 71, 3) (893, 71, 5) (511, 73, 8) (612, 76,
5) (87, 89, 8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
3) (160, 53, 6) (803, 54, 4) (173, 57, 7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72,
7) (632, 90, 8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98,
5) (712, 53, 4) (12, 55, 4) (822, 57, 3) (711, 59, 4) (67, 61, 7) (715, 63, 3) (175, 65, 5) (785, 66, 5) (789, 67, 5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92,
4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
7) (104, 68, 3) (187, 69, 8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
     Time: 126
7) (689, 56, 3) (443, 59, 5) (93, 61, 5) (210, 63, 3) (936, 63, 7) (800, 66, 8) (417, 68, 8) (979, 70, 4) (989, 71, 3) (56, 73, 5) (700, 74, 6) (816, 76, 4) (885, 77, 5) (336, 79, 8) (167, 81, 6) (171, 84, 6) (727, 85, 3) (838, 86,
6) (495, 99, 5)
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8) (279, 67, 4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 72, 8) (451, 75,
8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87,
7) (696, 59, 5) (471, 61, 6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88,
5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
4) (227, 68, 8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86, 5) (124, 88, 3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94,
6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
6) (276, 54, 6) (764, 56, 8) (818, 61, 5) (300, 63, 8) (394, 66, 8) (308, 68,
8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
8) (407, 80, 7) (71, 82, 5) (372, 84, 8) (52, 87, 7) (35, 90, 5) (693, 91,
5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84,
3) (68, 97, 4) (610, 97, 7)
8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
6) (759, 69, 6) (459, 71, 7) (387, 73, 3) (956, 73, 3) (540, 75, 4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87,
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7) (756, 68, 6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
4) (739, 54, 5) (133, 58, 8) (556, 62, 8) (25, 65, 3) (137, 66, 5) (549, 67,
6) (20, 69, 4) (857, 69, 8) (307, 72, 3) (154, 73, 7) (573, 75, 8) (129, 78,
  Queue #15: (347, 45, 4)(214, 47, 7)(473, 49, 4)(505, 51, 8)(176, 54,
6) (803, 54, 4) (173, 57, 7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75,
6) (91, 97, 8) (493, 99, 7)
5) (604, 54, 4) (621, 56, 6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65,
7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91,
3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
4) (885, 77, 5) (336, 79, 8) (167, 81, 6) (171, 84, 6) (727, 85, 3) (838, 86,
```

24)

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6) (719, 58, 6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67, 7) (410, 69, 4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77,
8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90,
6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99,
6) (50, 54, 4) (211, 55, 7) (795, 59, 4) (324, 61, 3) (943, 62, 6) (682, 64, 8) (279, 67, 4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 72, 8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87,
8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86,
5) (124, 88, 3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
Queue #7: (985, 45, 3) (70, 47, 3) (397, 48, 3) (311, 49, 4) (584, 50, 8) (528, 53, 5) (338, 55, 4) (834, 57, 3) (33, 60, 4) (830, 61, 8) (275, 64, 7) (855, 66, 6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 73, 74, 75)
4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
4) (748, 55, 8) (637, 60, 3) (722, 62, 8) (342, 65, 6) (15, 67, 6) (354, 68, 5) (792, 69, 8) (197, 72, 8) (730, 74, 3) (831, 75, 3) (844, 76, 5) (796, 78,
5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
   Queue #9: (560, 45, 3)(130, 47, 3)(550, 48, 6)(483, 50, 5)(605, 52,
6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65,
4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96,
8) (793, 79, 8) (457, 81, 3) (733, 82, 6) (826, 84, 7) (58, 87, 8) (232, 91,
8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
3) (447, 54, 8) (287, 59, 4) (375, 60, 3) (259, 62, 3) (997, 62, 6) (412, 65,
```



```
5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79,
6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91,
8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98,
4) (739, 54, 5) (133, 58, 8) (556, 62, 8) (25, 65, 3) (137, 66, 5) (549, 67, 6) (20, 69, 4) (857, 69, 8) (307, 72, 3) (154, 73, 7) (573, 75, 8) (129, 78,
6) (803, 54, 4) (173, 57, 7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66,
3) (691, 67, 8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75,
5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95,
6) (91, 97, 8) (493, 99<u>,</u> 7)
7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94,
8) (815, 96, 3) (282, 97, 8)
5) (593, 55, 5) (320, 59, 7) (673, 62, 7) (500, 64, 5) (449, 66, 7) (104, 68, 3) (187, 69, 8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91,
   Queue #20: (595, 46, 6) (878, 48, 5) (136, 50, 5) (88, 52, 5) (965, 53,
8) (400, 69, 6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
   Time: 128
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```
8) (417, 68, 8) (979, 70, 4) (989, 71, 3) (56, 73, 5) (700, 74, 6) (816, 76, 4) (885, 77, 5) (336, 79, 8) (167, 81, 6) (171, 84, 6) (727, 85, 3) (838, 86,
8) (720, 89, 4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97,
6) (495, 99, 5)
6) (719, 58, 6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67, 7) (410, 69,
4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99,
7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88,
5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
8) (741, 56, 6) (318, 60, 3) (143, 62, 5) (567, 63, 3) (755, 64, 8) (364, 67, 4) (227, 68, 8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86,
6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
6) (921, 94, \overline{4}) (775, 95, 7) (391, 97, 6) (312, 99, 3)
8) (528, 53, 5) (338, 55, 4) (834, 57, 3) (33, 60, 4) (830, 61, 8) (275, 64,
4) (75, 86, 6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
3) (68, 97, 4) (610, 97, 7)
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3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87,
5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
8) (566, 56, 8) (865, 60, 5) (113, 63, 8) (66, 66, 4) (51, 67, 7) (756, 68, 6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91,
8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
6) (20, 69, 4) (857, 69, 8) (307, 72, 3) (154, 73, 7) (573, 75, 8) (129, 78, 5) (450, 79, 7) (988, 80, 5) (778, 82, 8) (77, 86, 5) (96, 87, 4) (729, 88, 7) (951, 91, 6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
8) (277, 58, 5) (623, 60, 6) (189, 63, 5) (45, 65, 3) (195, 66, 5) (557, 67,
5) (87, 89, 8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
6) (91, 97, 8) (493, 99, 7)
5) (604, 54, 4) (621, 56, 6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65, 3) (681, 66, 5) (699, 67, 8) (959, 69, 5) (574, 71, 4) (654, 72, 6) (117, 74,
7) (632, 90, 8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
5) (785, 66, 5) (789, 67, 5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94,
8) (815, 96, 3) (282, 97, 8)
   Number of clients: 1000
   Service time interval: [3, 9]
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7) (689, 56, 3) (443, 59, 5) (93, 61, 5) (210, 63, 3) (936, 63, 7) (800, 66,
4) (211, 55, 7) (795, 59, 4) (324, 61, 3) (943, 62, 6) (682, 64, 8) (279, 67, 4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 72, 8) (451, 75, 8) (902, 77,
5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 796) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
8) (741, 56, 6) (318, 60, 3) (143, 62, 5) (567, 63, 3) (755, 64, 8) (364, 67,
5) (124, 88, 3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
6) (98, 71, 7) (64, 73, 7) (468, 75, 6) (230, 77, 3) (245, 78, 8) (401, 80,
8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94, 94, 95)
4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
8) (633, 96, 8) (892, 97, 7)
6) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96,
6) (582, 70, 7) (639, 72, 3) (366, 73, 5) (955, 74, 7) (346, 77, 8) (793, 79, 8) (457, 81, 3) (733, 82, 6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93,
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5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
3) (447, 54, 8) (287, 59, 4) (375, 60, 3) (259, 62, 3) (997, 62, 6) (412, 65,
7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
8) (566, 56, 8) (865, 60, 5) (113, 63, 8) (66, 66, 4) (51, 67, 7) (756, 68,
6) (20, 69, 4) (857, 69, 8) (307, 72, 3) (154, 73, 7) (573, 75, 8) (129, 78,
Queue #15: (347, 45, 1)(214, 47, 7)(473, 49, 4)(505, 51, 8)(176, 54, 8)(277, 58, 5)(623, 60, 6)(189, 63, 5)(45, 65, 3)(195, 66, 5)(557, 67,
5) (87, 89, 8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
6) (803, 54, 4) (173, 57, 7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66,
3) (691, 67, 8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83,
6) (91, 97, 8) (493, 99, 7)
8) (815, 96, 3) (282, 97, 8)
8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91,
7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
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Time: 130
6) (495, 99, 5)
6) (719, 58, 6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67, 7) (410, 69, 4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90,
6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99,
4) (211, 55, 7) (795, 59, 4) (324, 61, 3) (943, 62, 6) (682, 64, 8) (279, 67,
8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79,
8) (741, 56, 6) (318, 60, 3) (143, 62, 5) (567, 63, 3) (755, 64, 8) (364, 67, 4) (227, 68, 8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76, 8) (28, 79,
6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 2) (710, 93, 7) (750, 20, 2) (751, 20, 20, 2)
3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
8) (637, 60, 3) (722, 62, 8) (342, 65, 6) (15, 67, 6) (354, 68, 5) (792, 69,
8) (197, 72, 8) (730, 74, 3) (831, 75, 3) (844, 76, 5) (796, 78, 8) (407, 80,
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3) (4, 59, 3) (153, 60, 6) (995, 62, 6) (944, 64, 7) (42, 67, 7) (742, 68,
6) (582, 70, 7) (639, 72, 3) (366, 73, 5) (955, 74, 7) (346, 77, 8) (793, 79, 8) (457, 81, 3) (733, 82, 6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93,
6) (798, 95, 7) (408, 97, 8)
   Queue #11: (786, 46, 5)(86, 49, 5)(687, 50, 6)(26, 53, 5)(565, 54,
8) (287, 59, 4) (375, 60, 3) (259, 62, 3) (997, 62, 6) (412, 65, 7) (518, 67,
8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
4) (739, 54, 5) (133, 58, 8) (556, 62, 8) (25, 65, 3) (137, 66, 5) (549, 67, 6) (20, 69, 4) (857, 69, 8) (307, 72, 3) (154, 73, 7) (573, 75, 8) (129, 78, 5) (450, 79, 7) (988, 80, 5) (778, 82, 8) (77, 86, 5) (96, 87, 4) (729, 88,
8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
4) (12, 55, 4) (822, 57, 3) (711, 59, 4) (67, 61, 7) (715, 63, 3) (175, 65,
8) (815, 96, 3) (282, 97, 8)
5) (320, 59, 7) (673, 62, 7) (500, 64, 5) (449, 66, 7) (104, 68, 3) (187, 69,
8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89,
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Arrival time interval: [10, 100]
   Time: 131
4) (885, 77, 5) (336, 79, 8) (167, 81, 6) (171, 84, 6) (727, 85, 3) (838, 86, 8) (720, 89, 4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97,
6) (495, 99, 5)
6) (719, 58, 6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67, 7) (410, 69,
4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77,
8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99,
8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90,
5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
7) (696, 59, 5) (471, 61, 6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88,
5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
8) (741, 56, 6) (318, 60, 3) (143, 62, 5) (567, 63, 3) (755, 64, 8) (364, 67,
4) (227, 68, 8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86, 5) (124, 88, 3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94,
6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
  Queue #6: (905, 46, 1)(695, 47, 6)(874, 49, 6)(580, 52, 6)(276, 54,
6) (764, 56, 8) (818, 61, 5) (300, 63, 8) (394, 66, 8) (308, 68, 4) (649, 69,
4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76,
7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86,
6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95,
8) (637, 60, 3) (722, 62, 8) (342, 65, 6) (15, 67, 6) (354, 68, 5) (792, 69, 8) (197, 72, 8) (730, 74, 3) (831, 75, 3) (844, 76, 5) (796, 78, 8) (407, 80,
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8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86,
4) (610, 97, 7)
3) (4, 59, 3) (153, 60, 6) (995, 62, 6) (944, 64, 7) (42, 67, 7) (742, 68,
6) (582, 70, 7) (639, 72, 3) (366, 73, 5) (955, 74, 7) (346, 77, 8) (793, 79,
8) (457, 81, 3) (733, 82, 6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93,
6) (798, 95, 7) (408, 97, 8)
8) (287, 59, 4) (375, 60, 3) (259, 62, 3) (997, 62, 6) (412, 65, 7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90,
8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
8) (566, 56, 8) (865, 60, 5) (113, 63, 8) (66, 66, 4) (51, 67, 7) (756, 68,
6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
6) (803, 54, 4) (173, 57, 7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83,
6) (91, 97, 8) (493, 99, 7)
3) (681, 66, 5) (699, 67, 8) (959, 69, 5) (574, 71, 4) (654, 72, 6) (117, 74,
3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85, 7) (198, 87, 7) (632, 90, 8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
```

```
8) (400, 69, 6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99,
  Queue #2: (732, 46, 1)(36, 48, 8)(726, 50, 3)(504, 52, 8)(619, 54,
6) (719, 58, 6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67, 7) (410, 69, 4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90,
6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99,
6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80,
8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
7) (391, 97, 6) (312, 99, 3)
5) (338, 55, 4) (834, 57, 3) (33, 60, 4) (830, 61, 8) (275, 64, 7) (855, 66,
6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95,
7) (71, 82, 5) (372, 84, 8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93,
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3) (541, 55, 4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86,
7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97,
4) (610, 97, 7)
   Queue #11: (786, 46, 3)(86, 49, 5)(687, 50, 6)(26, 53, 5)(565, 54,
7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
8) (861, 79, 5) (106, 81, 5) (29, 83, 8) (94, 86, 4) (54, 87, 5) (87, 89,
8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77,
8) (493, 99, 7)
7) (632, 90, 8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98,
4) (12, 55, 4) (822, 57, 3) (711, 59, 4) (67, 61, 7) (715, 63, 3) (175, 65, 5) (785, 66, 5) (789, 67, 5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83,
8) (815, 96, 3) (282, 97, 8)
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4) (103, 55, 3) (628, 56, 6) (257, 60, 5) (770, 62, 7) (205, 65, 6) (930, 66, 8) (400, 69, 6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76,
8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89,
3)(663, 90, 8)(376, 93, 6)(658, 95, 6)(241, 97, 5)(510, 98, 6)
   Time: 133
8) (979, 70, 4) (989, 71, 3) (56, 73, 5) (700, 74, 6) (816, 76, 4) (885, 77, 5) (336, 79, 8) (167, 81, 6) (171, 84, 6) (727, 85, 3) (838, 86, 8) (720, 89, 4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99,
5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79,
3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
5) (471, 61, 6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91,
8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
6) (318, 60, 3) (143, 62, 5) (567, 63, 3) (755, 64, 8) (364, 67, 4) (227, 68,
8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79,
6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86, 5) (124, 88,
3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
8) (818, 61, 5) (300, 63, 8) (394, 66, 8) (308, 68, 4) (649, 69, 6) (98, 71,
8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95,
  Queue #8: (43, 47, 2)(957, 48, 8)(620, 51, 8)(487, 54, 4)(748, 55,
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8) (197, 72, 8) (730, 74, 3) (831, 75, 3) (844, 76, 5) (796, 78, 8) (407, 80,
3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77,
4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
8) (287, 59, 4) (375, 60, 3) (259, 62, 3) (997, 62, 6) (412, 65, 7) (518, 67,
7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
8) (566, 56, 8) (865, 60, 5) (113, 63, 8) (66, 66, 4) (51, 67, 7) (756, 68,
6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79,
Queue #14: (769, 47, 3)(360, 49, 6)(536, 51, 6)(667, 53, 4)(739, 54, 5)(133, 58, 8)(556, 62, 8)(25, 65, 3)(137, 66, 5)(549, 67, 6)(20, 69,
6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
5) (623, 60, 6) (189, 63, 5) (45, 65, 3) (195, 66, 5) (557, 67, 3) (95, 68, 3) (80, 69, 8) (156, 71, 3) (893, 71, 5) (511, 73, 8) (612, 76, 5) (474, 77, 8) (861, 79, 5) (106, 81, 5) (29, 83, 8) (94, 86, 4) (54, 87, 5) (87, 89,
8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
  Queue #16: (32, 48, 3)(363, 49, 7)(652, 51, 3)(160, 53, 6)(803, 54,
8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86,
8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
   Queue #19: (258, 47, 4)(647, 49, 8)(8, 53, 3)(781, 53, 5)(593, 55,
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8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79,
4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99,
6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67, 7) (410, 69, 4) (114, 70,
5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86, 5) (124, 88,
4) (262, 97, 6) (745, 98, 7)
8) (818, 61, 5) (300, 63, 8) (394, 66, 8) (308, 68, 4) (649, 69, 6) (98, 71,
7) (64, 73, 7) (468, 75, 6) (230, 77, 3) (245, 78, 8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
4) (834, 57, 3) (33, 60, 4) (830, 61, 8) (275, 64, 7) (855, 66, 6) (333, 68,
6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97,
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8) (637, 60, 3) (722, 62, 8) (342, 65, 6) (15, 67, 6) (354, 68, 5) (792, 69, 8) (197, 72, 8) (730, 74, 3) (831, 75, 3) (844, 76, 5) (796, 78, 8) (407, 80,
8) (633, 96, 8) (892, 97, 7)
4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68,
3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
6) (582, 70, 7) (639, 72, 3) (366, 73, 5) (955, 74, 7) (346, 77, 8) (793, 79,
5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
Queue #12: (157, 47, 4) (970, 49, 3) (478, 51, 6) (270, 53, 3) (447, 54, 8) (287, 59, 4) (375, 60, 3) (259, 62, 3) (997, 62, 6) (412, 65, 7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 1)
8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
8) (865, 60, 5) (113, 63, 8) (66, 66, 4) (51, 67, 7) (756, 68, 6) (808, 70,
6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
5) (623, 60, 6) (189, 63, 5) (45, 65, 3) (195, 66, 5) (557, 67, 3) (95, 68,
8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86,
8) (493, 99, 7)
4) (621, 56, 6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65, 3) (681, 66,
5) (699, 67, 8) (959, 69, 5) (574, 71, 4) (654, 72, 6) (117, 74, 3) (718, 75,
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5) (320, 59, 7) (673, 62, 7) (500, 64, 5) (449, 66, 7) (104, 68, 3) (187, 69, 8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93,
8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
3)(628, 56, 6)(257, 60, 5)(770, 62, 7)(205, 65, 6)(930, 66, 8)(400, 69,
6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67, 7) (410, 69, 4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92,
4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86, 5) (124, 88,
3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96,
4) (262, 97, 6) (745, 98, 7)
8) (818, 61, 5) (300, 63, 8) (394, 66, 8) (308, 68, 4) (649, 69, 6) (98, 71, 7) (64, 73, 7) (468, 75, 6) (230, 77, 3) (245, 78, 8) (401, 80, 8) (353, 82,
7) (391, 97, 6) (312, 99, 3)
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5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97,
8) (730, 74, 3) (831, 75, 3) (844, 76, 5) (796, 78, 8) (407, 80, 7) (71, 82,
5) (372, 84, 8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93, 8) (633, 96,
8) (892, 97, 7)
4) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77,
4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
8) (22, 62, 8) (445, 64, 4) (848, 65, 8) (21, 68, 6) (759, 69, 6) (459, 71,
7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
8) (287, 59, 4) (375, 60, 3) (259, 62, 3) (997, 62, 6) (412, 65, 7) (518, 67,
8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
8) (865, 60, 5) (113, 63, 8) (66, 66, 4) (51, 67, 7) (756, 68, 6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80,
4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
4) (857, 69, 8) (307, 72, 3) (154, 73, 7) (573, 75, 8) (129, 78, 5) (450, 79, 7) (988, 80, 5) (778, 82, 8) (77, 86, 5) (96, 87, 4) (729, 88, 7) (951, 91, 6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (94<u>9,</u> 83, 8) (498, 86,
8) (493, 99, 7)
8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
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8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80,
8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93,
8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
Queue #20: (878, 48, 3) (136, 50, 5) (88, 52, 5) (965, 53, 4) (103, 55, 3) (628, 56, 6) (257, 60, 5) (770, 62, 7) (205, 65, 6) (930, 66, 8) (400, 69, 6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90,
8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
   Arrival time interval: [10, 100]
   Time: 136
4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
6) (318, 60, 3) (143, 62, 5) (567, 63, 3) (755, 64, 8) (364, 67, 4) (227, 68,
8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79,
6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86, 5) (124, 88,
3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
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3) (751, 99, 6)
  Queue #8: (957, 48, 7)(620, 51, 8)(487, 54, 4)(748, 55, 8)(637, 60,
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7) (408, 97, 8)
8) (22, 62, 8) (445, 64, 4) (848, 65, 8) (21, 68, 6) (759, 69, 6) (459, 71,
6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
8) (287, 59, 4) (375, 60, 3) (259, 62, 3) (997, 62, 6) (412, 65, 7) (518, 67,
8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80,
3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94,
4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
8) (556, 62, 8) (25, 65, 3) (137, 66, 5) (549, 67, 6) (20, 69, 4) (857, 69,
6) (362, 96, 8) (737, 97, 5)
5) (623, 60, 6) (189, 63, 5) (45, 65, 3) (195, 66, 5) (557, 67, 3) (95, 68, 3) (80, 69, 8) (156, 71, 3) (893, 71, 5) (511, 73, 8) (612, 76, 5) (474, 77,
8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69,
4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77,
6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99,
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3) (282, 97, 8)
5) (320, 59, 7) (673, 62, 7) (500, 64, 5) (449, 66, 7) (104, 68, 3) (187, 69,
8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80,
8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93,
8)(672, 96, 3)(100, 97, 4)(799, 97, 6)
   Time: 137
5) (336, 79, 8) (167, 81, 6) (171, 84, 6) (727, 85, 3) (838, 86, 8) (720, 89, 4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79,
8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90, 5) (456, 92,
3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
6) (318, 60, 3) (143, 62, 5) (567, 63, 3) (755, 64, 8) (364, 67, 4) (227, 68,
8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86, 5) (124, 88, 3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
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3)(418, 71, 4)(533, 72, 4)(767, 73, 7)(209, 76, 7)(288, 78, 6)(805, 793)(761, 80, 7)(544, 82, 4)(289, 84, 4)(75, 86, 6)(421, 87, 5)(960, 89,
(3) (751, 99, 6)
3) (722, 62, 8) (342, 65, 6) (15, 67, 6) (354, 68, 5) (792, 69, 8) (197, 72,
4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
8) (22, 62, 8) (445, 64, 4) (848, 65, 8) (21, 68, 6) (759, 69, 6) (459, 71,
6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
8) (287, 59, 4) (375, 60, 3) (259, 62, 3) (997, 62, 6) (412, 65, 7) (518, 67,
7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
8) (865, 60, 5) (113, 63, 8) (66, 66, 4) (51, 67, 7) (756, 68, 6) (808, 70,
6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80,
6) (362, 96, 8) (737, 97, 5)
3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
   Queue #18: (552, 49, 6)(24, 52, 5)(712, 53, 4)(12, 55, 4)(822, 57,
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```
5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
7) (673, 62, 7) (500, 64, 5) (449, 66, 7) (104, 68, 3) (187, 69, 8) (345, 71,
6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84,
    Time: 138
5) (336, 79, 8) (167, 81, 6) (171, 84, 6) (727, 85, 3) (838, 86, 8) (720, 89, 4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79,
8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90, 5) (456, 92,
3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
5) (471, 61, 6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
6) (745, 98, 7)
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3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 793) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89,
(3) (751, 99, 6)
3) (722, 62, 8) (342, 65, 6) (15, 67, 6) (354, 68, 5) (792, 69, 8) (197, 72,
4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
8) (22, 62, 8) (445, 64, 4) (848, 65, 8) (21, 68, 6) (759, 69, 6) (459, 71,
6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81,
5) (778, 82, 8) (77, 86, 5) (96, 87, 4) (729, 88, 7) (951, 91, 6) (562, 94,
6) (362, 96, 8) (737, 97, 5)
3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
  Queue #18: (552, 49, 5)(24, 52, 5)(712, 53, 4)(12, 55, 4)(822, 57,
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```
5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
7) (673, 62, 7) (500, 64, 5) (449, 66, 7) (104, 68, 3) (187, 69, 8) (345, 71,
6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84,
    Time: 139
8) (167, 81, 6) (171, 84, 6) (727, 85, 3) (838, 86, 8) (720, 89, 4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67, 7) (410, 69, 4) (114, 70,
5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79,
8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90, 5) (456, 92,
3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
5) (471, 61, 6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
6) (745, 98, 7)
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3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 793) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89,
(3) (751, 99, 6)
3) (722, 62, 8) (342, 65, 6) (15, 67, 6) (354, 68, 5) (792, 69, 8) (197, 72,
8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69,
6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
8) (22, 62, 8) (445, 64, 4) (848, 65, 8) (21, 68, 6) (759, 69, 6) (459, 71,
6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81,
5) (778, 82, 8) (77, 86, 5) (96, 87, 4) (729, 88, 7) (951, 91, 6) (562, 94,
6) (362, 96, 8) (737, 97, 5)
3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
  Queue #18: (552, 49, 4)(24, 52, 5)(712, 53, 4)(12, 55, 4)(822, 57,
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```
5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
7) (673, 62, 7) (500, 64, 5) (449, 66, 7) (104, 68, 3) (187, 69, 8) (345, 71,
6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84,
4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96,
   Time: 140
8) (167, 81, 6) (171, 84, 6) (727, 85, 3) (838, 86, 8) (720, 89, 4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
6) (201, 61, 3) (856, 62, 7) (341, 65, 7) (76, 67, 7) (410, 69, 4) (114, 70,
5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79,
8) (491, 96, 8) (860, 97, 7)
6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91, 8) (706, 93,
8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
3) (143, 62, 5) (567, 63, 3) (755, 64, 8) (364, 67, 4) (227, 68, 8) (414, 70,
6) (745, 98, 7)
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4) (830, 61, 8) (275, 64, 7) (855, 66, 6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89, 5) (662, 91, 1)
5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
  Queue #8: (957, 48, 3)(620, 51, 8)(487, 54, 4)(748, 55, 8)(637, 60,
3) (722, 62, 8) (342, 65, 6) (15, 67, 6) (354, 68, 5) (792, 69, 8) (197, 72,
8) (730, 74, 3) (831, 75, 3) (844, 76, 5) (796, 78, 8) (407, 80, 7) (71, 82,
8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69,
7) (408, 97, 8)
8) (445, 64, 4) (848, 65, 8) (21, 68, 6) (759, 69, 6) (459, 71, 7) (387,
6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95,
4) (713, 96, 8) (683, 98, 7)
8) (556, 62, 8) (25, 65, 3) (137, 66, 5) (549, 67, 6) (20, 69, 4) (857, 69,
6) (362, 96, 8) (737, 97, 5)
6) (189, 63, 5) (45, 65, 3) (195, 66, 5) (557, 67, 3) (95, 68, 3) (80, 69,
7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69,
4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77,
6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99,
3) (711, 59, 4) (67, 61, 7) (715, 63, 3) (175, 65, 5) (785, 66, 5) (789, 67,
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4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84,
4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96,
3) (100, 97, 4) (799, 97, 6)
6) (257, 60, 5) (770, 62, 7) (205, 65, 6) (930, 66, 8) (400, 69, 6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93,
6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
  Arrival time interval: [10, 100]
  Time: 141
8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93,
5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
4) (324, 61, 3) (943, 62, 6) (682, 64, 8) (279, 67, 4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 72, 8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82,
8) (491, 96, 8) (860, 97, 7)
6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71,
6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83,
4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
6) (312, 99, 3)
 Queue #7: (584, 50, 7)(528, 53, 5)(338, 55, 4)(834, 57, 3)(33, 60,
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4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80,
7) (544, 82, 4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
3) (722, 62, 8) (342, 65, 6) (15, 67, 6) (354, 68, 5) (792, 69, 8) (197, 72,
8) (730, 74, 3) (831, 75, 3) (844, 76, 5) (796, 78, 8) (407, 80, 7) (71, 82,
8) (892, 97, 7)
Queue #10: (991, 48, 1) (531, 51, 6) (578, 53, 7) (111, 56, 3) (4, 59, 3) (153, 60, 6) (995, 62, 6) (944, 64, 7) (42, 67, 7) (742, 68, 6) (582, 70, 7) (639, 72, 3) (366, 73, 5) (955, 74, 7) (346, 77, 8) (793, 79, 8) (457, 81,
7) (408, 97, 8)
8) (445, 64, 4) (848, 65, 8) (21, 68, 6) (759, 69, 6) (459, 71, 7) (387, 73,
8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80,
8) (265, 97, 8) (847, 99, 3)
6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95,
4) (713, 96, 8) (683, 98, 7)
8) (556, 62, 8) (25, 65, 3) (137, 66, 5) (549, 67, 6) (20, 69, 4) (857, 69,
6) (362, 96, 8) (737, 97, 5)
6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
Queue #17: (72, 50, 2)(897, 51, 3)(182, 53, 5)(604, 54, 4)(621, 56, 6)(194, 60, 3)(79, 62, 6)(613, 63, 5)(777, 65, 3)(681, 66, 5)(699, 67,
6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
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4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96,
3) (100, 97, 4) (799, 97, 6)
6) (257, 60, 5) (770, 62, 7) (205, 65, 6) (930, 66, 8) (400, 69, 6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93,
   Time: 142
   All of the clients have already arrived.
6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
3) (856, 62, 7) (341, 65, 7) (76, 67, 7) (410, 69, 4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81,
8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93,
5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
4) (324, 61, 3) (943, 62, 6) (682, 64, 8) (279, 67, 4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 72, 8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90, 5) (456, 92, 3) (519, 93,
8) (491, 96, 8) (860, 97, 7)
6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71,
6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91, 8) (706, 93,
3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86, 5) (124, 88, 3) (946, 89,
6) (745, 98,
3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95, 7) (391, 97,
6) (312, 99, 3)
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8) (730, 74, 3) (831, 75, 3) (844, 76, 5) (796, 78, 8) (407, 80, 7) (71, 82,
5) (372, 84, 8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93, 8) (633, 96,
8) (892, 97, 7)
8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78,
6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94,
6) (285, 96, 8) (688, 97, 7)
8) (265, 97, 8) (847, 99, 3)
8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95,
4) (713, 96, 8) (683, 98, 7)
8) (25, 65, 3) (137, 66, 5) (549, 67, 6) (20, 69, 4) (857, 69, 8) (307, 72,
7) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69,
6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65, 3) (681, 66, 5) (699, 67,
8) (37, 80, 8) (225, 82, 7) (321, 85, 7) (198, 87, 7) (632, 90, 8) (294, 93,
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6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
   Queue #20: (136, 50, 1)(88, 52, 5)(965, 53, 4)(103, 55, 3)(628, 56,
6) (257, 60, 5) (770, 62, 7) (205, 65, 6) (930, 66, 8) (400, 69, 6) (978, 70,
3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
6) (671, 72, 8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84,
6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71,
6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83,
8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
3) (143, 62, 5) (567, 63, 3) (755, 64, 8) (364, 67, 4) (227, 68, 8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79, 6) (954, 80,
6) (745, 98, 7)
5) (300, 63, 8) (394, 66, 8) (308, 68, 4) (649, 69, 6) (98, 71, 7) (64, 73, 7) (468, 75, 6) (230, 77, 3) (245, 78, 8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95, 7) (391, 97,
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8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
    Queue #9: (483, 50, 1)(605, 52, 6)(331, 54, 3)(541, 55, 4)(879, 57,
8) (252, 62, 7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69,
7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)

Queue #10: (531, 51, 5) (578, 53, 7) (111, 56, 3) (4, 59, 3) (153, 60,
8) (445, 64, 4) (848, 65, 8) (21, 68, 6) (759, 69, 6) (459, 71, 7) (387, 73, 3) (956, 73, 3) (540, 75, 4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81,
3) (259, 62, 3) (997, 62, 6) (412, 65, 7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
8) (737, 97, 5)
5) (45, 65, 3) (195, 66, 5) (557, 67, 3) (95, 68, 3) (80, 69, 8) (156, 71, 3) (893, 71, 5) (511, 73, 8) (612, 76, 5) (474, 77, 8) (861, 79, 5) (106, 81,
8) (367, 96, 7) (651, 97, 7)
   Queue #16: (652, 51, 3)(160, 53, 6)(803, 54, 4)(173, 57, 7)(65, 61,
8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
Queue #17: (897, 51, 3) (182, 53, 5) (604, 54, 4) (621, 56, 6) (194, 60,
4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
Queue #18: (24, 52, 5)(712, 53, 4)(12, 55, 4)(822, 57, 3)(711, 59, 4)(67, 61, 7)(715, 63, 3)(175, 65, 5)(785, 66, 5)(789, 67, 5)(616, 69,
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5) (770, 62, 7) (205, 65, 6) (930, 66, 8) (400, 69, 6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81,
7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95,
6) (241, 97, 5) (510, 98, 6)
   Time: 144
3) (56, 73, 5) (700, 74, 6) (816, 76, 4) (885, 77, 5) (336, 79, 8) (167, 81, 6) (171, 84, 6) (727, 85, 3) (838, 86, 8) (720, 89, 4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
3) (943, 62, 6) (682, 64, 8) (279, 67, 4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 72, 8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84,
8) (860, 97, 7)
6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71,
8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
8) (394, 66, 8) (308, 68, 4) (649, 69, 6) (98, 71, 7) (64, 73, 7) (468, 75,
6) (230, 77, 3) (245, 78, 8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86,
4) (830, 61, 8) (275, 64, 7) (855, 66, 6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80,
5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
                                                                                             5) (372, 84,
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4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
6) (995, 62, 6) (944, 64, 7) (42, 67, 7) (742, 68, 6) (582, 70, 7) (639,
3) (366, 73, 5) (955, 74, 7) (346, 77, 8) (793, 79, 8) (457, 81, 3) (733, 82, 6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
8) (445, 64, 4) (848, 65, 8) (21, 68, 6) (759, 69, 6) (459, 71, 7) (387, 73,
8) (265, 97, 8) (847, 99, 3)
8) (66, 66, 4) (51, 67, 7) (756, 68, 6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96,
8) (683, 98, 7)
8) (367, 96, 7) (651, 97, 7)
8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90,
8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
5) (574, 71, 4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85, 7) (198, 87, 7) (632, 90, 8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
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6) (241, 97, 5) (510, 98, 6)
   Maximum simulation time: 200
5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
7) (341, 65, 7) (76, 67, 7) (410, 69, 4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83,
4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91, 8) (706, 93,
8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
Queue #8: (620, 51, 6)(487, 54, 4)(748, 55, 8)(637, 60, 3)(722, 62, 8)(342, 65, 6)(15, 67, 6)(354, 68, 5)(792, 69, 8)(197, 72, 8)(730, 74,
8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91,
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Queue #10: (531, 51, 3)(578, 53, 7)(111, 56, 3)(4, 59, 3)(153, 60, 6)(995, 62, 6)(944, 64, 7)(42, 67, 7)(742, 68, 6)(582, 70, 7)(639, 72,
6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
8) (445, 64, 4) (848, 65, 8) (21, 68, 6) (759, 69, 6) (459, 71, 7) (387, 73,
8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80,
8) (265, 97, 8) (847, 99, 3)
8) (683, 98, 7)
8) (25, 65, 3) (137, 66, 5) (549, 67, 6) (20, 69, 4) (857, 69, 8) (307, 72,
8) (737, 97, 5)
8) (849, 63, 4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69, 4) (867, 70,
5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79,
7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90,
8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
Queue #17: (897, 51, 1)(182, 53, 5)(604, 54, 4)(621, 56, 6)(194, 60, 3)(79, 62, 6)(613, 63, 5)(777, 65, 3)(681, 66, 5)(699, 67, 8)(959, 69,
4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97,
4) (799, 97, 6)
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3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
3) (943, 62, 6) (682, 64, 8) (279, 67, 4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 72, 8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96,
8) (860, 97, 7)
6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71,
8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81,
3)(677, 83, 7)(814, 85, 3)(864, 86, 5)(124, 88, 3)(946, 89, 3)(290, 91,
3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
7) (383, 64, 3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91,
```



```
4) (848, 65, 8) (21, 68, 6) (759, 69, 6) (459, 71, 7) (387, 73, 3) (956, 73,
3) (540, 75, 4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96,
8) (688, 97, 7)
  Queue #12: (478, 51, 1)(270, 53, 3)(447, 54, 8)(287, 59, 4)(375, 60,
3) (259, 62, 3) (997, 62, 6) (412, 65, 7) (518, 67, 7) (569, 69, 5) (634, 70, 70)
8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80,
8) (265, 97, 8) (847, 99, 3)
8) (66, 66, 4) (51, 67, 7) (756, 68, 6) (808, 70, 6) (266, 72, 8) (845, 74,
8) (683, 98, 7)
8) (737, 97, 5)
5) (45, 65, 3) (195, 66, 5) (557, 67, 3) (95, 68, 3) (80, 69, 8) (156, 71, 3) (893, 71, 5) (511, 73, 8) (612, 76, 5) (474, 77, 8) (861, 79, 5) (106, 81,
8) (367, 96, 7) (651, 97, 7)
7) (321, 85, 7) (198, 87, 7) (632, 90, 8) (294, 93, 6) (570, 95, 4) (780, 96,
4) (466, 97, 3) (352, 98, 4)
Queue #18: (24, 52, 2)(712, 53, 4)(12, 55, 4)(822, 57, 3)(711, 59, 4)(67, 61, 7)(715, 63, 3)(175, 65, 5)(785, 66, 5)(789, 67, 5)(616, 69,
3)(233, 91, 5)(594, 92, 4)(869, 94, 8)(815, 96, 3)(282, 97, 8)
4) (799, 97, 6)
  Maximum simulation time: 200
  Number of clients: 1000
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24)

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Queue #1: (242, 52, 2)(44, 54, 7)(689, 56, 3)(443, 59, 5)(93, 61,
6) (171, 84, 6) (727, 85, 3) (838, 86, 8) (720, 89, 4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
8) (860, 97, 7)
6) (564, 63, 5) (508, 65, 5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71,
8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
Queue #6: (580, 52, 3)(276, 54, 6)(764, 56, 8)(818, 61, 5)(300, 63, 8)(394, 66, 8)(308, 68, 4)(649, 69, 6)(98, 71, 7)(64, 73, 7)(468, 75,
4) (830, 61, 8) (275, 64, 7) (855, 66, 6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
Queue #9: (605, 52, 3) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62,
8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91,
4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
Queue #10: (531, 51, 1) (578, 53, 7) (111, 56, 3) (4, 59, 3) (153, 60, 6) (995, 62, 6) (944, 64, 7) (42, 67, 7) (742, 68, 6) (582, 70, 7) (639, 72, 3) (366, 73, 5) (955, 74, 7) (346, 77, 8) (793, 79, 8) (457, 81, 3) (733, 82,
6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
4) (848, 65, 8) (21, 68, 6) (759, 69, 6) (459, 71, 7) (387, 73, 3) (956, 73,
```



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3) (997, 62, 6) (412, 65, 7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72,
8) (847, 99, 3)
  Queue #13: (332, 53, 8)(566, 56, 8)(865, 60, 5)(113, 63, 8)(66, 66,
4) (51, 67, 7) (756, 68, 6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76,
3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98,
Queue #14: (536, 51, 1)(667, 53, 4)(739, 54, 5)(133, 58, 8)(556, 62, 8)(25, 65, 3)(137, 66, 5)(549, 67, 6)(20, 69, 4)(857, 69, 8)(307, 72,
8) (737, 97, 5)
5) (45, 65, 3) (195, 66, 5) (557, 67, 3) (95, 68, 3) (80, 69, 8) (156, 71,
8) (367, 96, 7) (651, 97, 7)
4) (588, 65, 3) (590, 66, 3) (691, 67, 8) (705, 69, 4) (867, 70, 5) (903, 71, 69, 4)
3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
6) (613, 63, 5) (777, 65, 3) (681, 66, 5) (699, 67, 8) (959, 69, 5) (574, 71,
4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82,
3)(233, 91, 5)(594, 92, 4)(869, 94, 8)(815, 96, 3)(282, 97, 8)
7) (500, 64, 5) (449, 66, 7) (104, 68, 3) (187, 69, 8) (345, 71, 6) (858, 72,
4) (799, 97, 6)
 Queue #20: (88, 52, 1)(965, 53, 4)(103, 55, 3)(628, 56, 6)(257, 60,
  Time: 148
  All of the clients have already arrived.
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6) (171, 84, 6) (727, 85, 3) (838, 86, 8) (720, 89, 4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
7) (341, 65, 7) (76, 67, 7) (410, 69, 4) (114, 70, 5) (757, 71, 3) (365, 72,
3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84,
3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
7) (814, 85, 3) (864, 86, 5) (124, 88, 3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
6) (230, 77, 3) (245, 78, 8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86,
8) (275, 64, 7) (855, 66, 6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82,
(3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
8) (342, 65, 6) (15, 67, 6) (354, 68, 5) (792, 69, 8) (197, 72, 8) (730, 74,
8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)

Queue #9: (605, 52, 2) (331, 54, 3) (541, 55, 4) (879, 57, 8) (252, 62,
8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97,
```



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5) (96, 87, 4) (729, 88, 7) (951, 91, 6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
5) (45, 65, 3) (195, 66, 5) (557, 67, 3) (95, 68, 3) (80, 69, 8) (156, 71, 3) (893, 71, 5) (511, 73, 8) (612, 76, 5) (474, 77, 8) (861, 79, 5) (106, 81,
8) (367, 96, 7) (651, 97, 7)
  Queue #16: (160, 53, 4)(803, 54, 4)(173, 57, 7)(65, 61, 8)(849, 63,
4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82,
4) (466, 97, 3) (352, 98, 4)
6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6) Queue #20: (965, 53, 4) (103, 55, 3) (628, 56, 6) (257, 60, 5) (770, 62,
  Time: 149
5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95,
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8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
  Queue #4: (405, 53, 3)(666, 54, 7)(696, 59, 5)(471, 61, 6)(564, 63,
Queue #6: (580, 52, 1)(276, 54, 6)(764, 56, 8)(818, 61, 5)(300, 63, 8)(394, 66, 8)(308, 68, 4)(649, 69, 6)(98, 71, 7)(64, 73, 7)(468, 75,
7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99,
8) (275, 64, 7) (855, 66, 6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72,
4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80,
                                                                                7) (544, 82,
4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
6) (944, 64, 7) (42, 67, 7) (742, 68, 6) (582, 70, 7) (639, 72, 3) (366, 73,
3) (540, 75, 4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8) (313, 85,
8) (847, 99, 3)
4) (51, 67, 7) (756, 68, 6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76,
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8) (94, 86, 4) (54, 87, 5) (87, 89, 8) (112, 92, 3) (280, 93, 8) (367, 96,
3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80,
5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92,
3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
Queue #17: (182, 53, 2) (604, 54, 4) (621, 56, 6) (194, 60, 3) (79, 62, 6) (613, 63, 5) (777, 65, 3) (681, 66, 5) (699, 67, 8) (959, 69, 5) (574, 71, 4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82,
4) (466, 97, 3) (352, 98, 4)
6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
5) (449, 66, 7) (104, 68, 3) (187, 69, 8) (345, 71, 6) (858, 72, 7) (221, 75,
6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6) Queue #20: (965, 53, 3) (103, 55, 3) (628, 56, 6) (257, 60, 5) (770, 62, 7) (205, 65, 6) (930, 66, 8) (400, 69, 6) (978, 70, 3) (721, 71, 4) (659, 72,
   Time: 150
   Queue #1: (44, 54, 6)(689, 56, 3)(443, 59, 5)(93, 61, 5)(210, 63,
3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
6) (682, 64, 8) (279, 67, 4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 78) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86,
8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91, 8) (706, 93, 8) (617, 96,
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3)(812, 92, 3)(919, 94, 6)(631, 96, 4)(262, 97, 6)(745, 98, 7)
8) (308, 68, 4) (649, 69, 6) (98, 71, 7) (64, 73, 7) (468, 75, 6) (230, 77,
3) (546, 65, 4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92,
8) (688, 97, 7)
6) (412, 65, 7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74,
7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99,
4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86,
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6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80,
5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91,
5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
Queue #19: (781, 53, 3) (593, 55, 5) (320, 59, 7) (673, 62, 7) (500, 64, 5) (449, 66, 7) (104, 68, 3) (187, 69, 8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86,
6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6) Queue #20: (965, 53, 2) (103, 55, 3) (628, 56, 6) (257, 60, 5) (770, 62,
   Time: 151
Queue #1: (44, 54, 5)(689, 56, 3)(443, 59, 5)(93, 61, 5)(210, 63, 3)(936, 63, 7)(800, 66, 8)(417, 68, 8)(979, 70, 4)(989, 71, 3)(56, 73,
5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
7) (341, 65, 7) (76, 67, 7) (410, 69, 4) (114, 70, 5) (757, 71, 3) (365, 72,
3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97,
5) (314, 97, 6) (766, 98, 4)
3) (755, 64, 8) (364, 67, 4) (227, 68, 8) (414, 70, 7) (444, 72, 8) (928, 74,
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8) (275, 64, 7) (855, 66, 6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72,
4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
  Queue #8: (487, 54, 4)(748, 55, 8)(637, 60, 3)(722, 62, 8)(342, 65,
6) (15, 67, 6) (354, 68, 5) (792, 69, 8) (197, 72, 8) (730, 74, 3) (831, 75,
6) (412, 65, 7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74,
8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99,
5) (96, 87, 4) (729, 88, 7) (951, 91, 6) (562, 94, 6) (362, 96, 8) (737, 97,
7) (651, 97, 7)
  Queue #16: (160, 53, 1)(803, 54, 4)(173, 57, 7)(65, 61, 8)(849, 63,
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6)(41, 88, 7)(611, 91, 7)(907, 93, 8)(672, 96, 3)(100, 97, 4)(799, 97, 6)
7) (205, 65, 6) (930, 66, 8) (400, 69, 6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97,
   Maximum simulation time: 200
   Arrival time interval: [10, 100]
   Time: 152
6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96,
5) (513, 97, 6) (586, 99, 7)
6) (682, 64, 8) (279, 67, 4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 72, 8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76,
8) (308, 68, 4) (649, 69, 6) (98, 71, 7) (64, 73, 7) (468, 75, 6) (230, 77,
7) (102, 92, 6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
8) (275, 64, 7) (855, 66, 6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72,
4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6) Queue #8: (487, 54, 3) (748, 55, 8) (637, 60, 3) (722, 62, 8) (342, 65,
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8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
5) (955, 74, 7) (346, 77, 8) (793, 79, 8) (457, 81, 3) (733, 82, 6) (826, 84,
8) (21, 68, 6) (759, 69, 6) (459, 71, 7) (387, 73, 3) (956, 73, 3) (540, 75, 4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97,
3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
5) (549, 67, 6) (20, 69, 4) (857, 69, 8) (307, 72, 3) (154, 73, 7) (573, 75,
8) (129, 78, 5) (450, 79, 7) (988, 80, 5) (778, 82, 8) (77, 86, 5) (96, 87, 4) (729, 88, 7) (951, 91, 6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
5) (777, 65, 3) (681, 66, 5) (699, 67, 8) (959, 69, 5) (574, 71, 4) (654, 72,
6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85, 7) (198, 87, 7) (632, 90, 8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97,
4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
6) (930, 66, 8) (400, 69, 6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98,
   Number of clients: 1000
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Time: 153
5) (700, 74, 6) (816, 76, 4) (885, 77, 5) (336, 79, 8) (167, 81, 6) (171, 84, 6) (727, 85, 3) (838, 86, 8) (720, 89, 4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86,
7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
5) (934, 66, 4) (870, 67, 8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85,
Queue #6: (276, 54, 3)(764, 56, 8)(818, 61, 5)(300, 63, 8)(394, 66, 8)(308, 68, 4)(649, 69, 6)(98, 71, 7)(64, 73, 7)(468, 75, 6)(230, 77,
7) (102, 92, 6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
7) (855, 66, 6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84,
4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
   Queue #8: (487, 54, 2)(748, 55, 8)(637, 60, 3)(722, 62, 8)(342, 65,
3) (68, 97, 4) (610, 97, 7)
6) (944, 64, 7) (42, 67, 7) (742, 68, 6) (582, 70, 7) (639, 72, 3) (366, 73, 5) (955, 74, 7) (346, 77, 8) (793, 79, 8) (457, 81, 3) (733, 82, 6) (826, 84,
8) (21, 68, 6) (759, 69, 6) (459, 71, 7) (387, 73, 3) (956, 73, 3) (540, 75,
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6) (412, 65, 7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74,
7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
Queue #13: (332, 53, 2)(566, 56, 8)(865, 60, 5)(113, 63, 8)(66, 66, 4)(51, 67, 7)(756, 68, 6)(808, 70, 6)(266, 72, 8)(845, 74, 4)(436, 76,
4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86,
3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
5) (549, 67, 6) (20, 69, 4) (857, 69, 8) (307, 72, 3) (154, 73, 7) (573, 75, 8) (129, 78, 5) (450, 79, 7) (988, 80, 5) (778, 82, 8) (77, 86, 5) (96, 87, 4) (729, 88, 7) (951, 91, 6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94,
4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
5) (777, 65, 3) (681, 66, 5) (699, 67, 8) (959, 69, 5) (574, 71, 4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85, 7) (198, 87, 7) (632, 90, 8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97,
3) (352, 98, 4)
3) (175, 65, 5) (785, 66, 5) (789, 67, 5) (616, 69, 4) (299, 70, 6) (908, 71,
4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88,
Queue #20: (103, 55, 2) (628, 56, 6) (257, 60, 5) (770, 62, 7) (205, 65, 6) (930, 66, 8) (400, 69, 6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86,
6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
   Time: 154
5) (700, 74, 6) (816, 76, 4) (885, 77, 5) (336, 79, 8) (167, 81, 6) (171, 84,
  Queue #2: (619, 54, 4)(719, 58, 6)(201, 61, 3)(856, 62, 7)(341, 65,
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6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87,
6) (766, 98, 4)
7) (814, 85, 3) (864, 86, 5) (124, 88, 3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
   Queue #6: (276, 54, 2)(764, 56, 8)(818, 61, 5)(300, 63, 8)(394, 66,
8) (308, 68, 4) (649, 69, 6) (98, 71, 7) (64, 73, 7) (468, 75, 6) (230, 77,
3) (844, 76, 5) (796, 78, 8) (407, 80, 7) (71, 82, 5) (372, 84, 8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)

Queue #9: (541, 55, 3) (879, 57, 8) (252, 62, 7) (383, 64, 3) (546, 65,
8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
4) (51, 67, 7) (756, 68, 6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98,
   Queue #15: (176, 54, 3)(277, 58, 5)(623, 60, 6)(189, 63, 5)(45, 65,
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7) (651, 97, 7)
4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85,
3) (175, 65, 5) (785, 66, 5) (789, 67, 5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92,
4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
7) (104, 68, 3) (187, 69, 8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76,
8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
   Time: 155
   Queue #1: (44, 54, 1)(689, 56, 3)(443, 59, 5)(93, 61, 5)(210, 63,
6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86,
6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96,
5) (513, 97, 6) (586, 99, 7)
8) (279, 67, 4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 72, 8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87,
  Queue #4: (666, 54, 4)(696, 59, 5)(471, 61, 6)(564, 63, 5)(508, 65,
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3)(812, 92, 3)(919, 94, 6)(631, 96, 4)(262, 97, 6)(745, 98, 7)
8) (308, 68, 4) (649, 69, 6) (98, 71, 7) (64, 73, 7) (468, 75, 6) (230, 77,
4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96,
7) (42, 67, 7) (742, 68, 6) (582, 70, 7) (639, 72, 3) (366, 73, 5) (955, 74,
8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
8) (21, 68, 6) (759, 69, 6) (459, 71, 7) (387, 73, 3) (956, 73, 3) (540, 75,
4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
6) (412, 65, 7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74,
8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
4) (729, 88, 7) (951, 91, 6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
Queue #16: (803, 54, 1)(173, 57, 7)(65, 61, 8)(849, 63, 4)(588, 65, 3)(590, 66, 3)(691, 67, 8)(705, 69, 4)(867, 70, 5)(903, 71, 3)(835, 72,
3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85, 7) (198, 87,
```

```
4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
7) (104, 68, 3) (187, 69, 8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76,
8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
  Time: 156
3) (838, 86, 8) (720, 89, 4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86,
6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96,
7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
6) (766, 98, 4)
8) (364, 67, 4) (227, 68, 8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76,
8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85,
6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
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```
5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
4) (918, 66, 6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96,
8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
6) (412, 65, 7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74,
7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99,
8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
8) (129, 78, 5) (450, 79, 7) (988, 80, 5) (778, 82, 8) (77, 86, 5) (96, 87, 4) (729, 88, 7) (951, 91, 6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95,
6) (91, 97, 8) (493, 99, 7)
3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85, 7) (198, 87, 7) (632, 90, 8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98,
8) (400, 69, 6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89,
```



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Number of clients: 1000
7) (76, 67, 7) (410, 69, 4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73,
6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86,
8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87,
7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
6) (766, 98, 4)
8) (364, 67, 4) (227, 68, 8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76,
8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85,
3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92,
6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
6) (354, 68, 5) (792, 69, 8) (197, 72, 8) (730, 74, 3) (831, 75, 3) (844, 76,
5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86,
7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97,
```



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6) (759, 69, 6) (459, 71, 7) (387, 73, 3) (956, 73, 3) (540, 75, 4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88,
3)(251, 90, 5)(926, 91, 6)(371, 94, 6)(285, 96, 8)(688, 97, 7)
6) (412, 65, 7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74,
7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99,
7) (756, 68, 6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77,
8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
6) (20, 69, 4) (857, 69, 8) (307, 72, 3) (154, 73, 7) (573, 75, 8) (129, 78, 5) (450, 79, 7) (988, 80, 5) (778, 82, 8) (77, 86, 5) (96, 87, 4) (729, 88,
4) (54, 87, 5) (87, 89, 8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97,
6) (91, 97, 8) (493, 99, 7)
8) (400, 69, 6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
   Time: 158
   All of the clients have already arrived.
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6) (816, 76, 4) (885, 77, 5) (336, 79, 8) (167, 81, 6) (171, 84, 6) (727, 85, 3) (838, 86, 8) (720, 89, 4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
7) (410, 69, 4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75,
6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87,
5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97,
6) (586, 99, 7)
8) (364, 67, 4) (227, 68, 8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76,
8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85,
Queue #6: (764, 56, 6)(818, 61, 5)(300, 63, 8)(394, 66, 8)(308, 68, 4)(649, 69, 6)(98, 71, 7)(64, 73, 7)(468, 75, 6)(230, 77, 3)(245, 78,
6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 2) (40, 07, 7) (500, 20, 2) (751, 20, 20, 2)
3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
6) (354, 68, 5) (792, 69, 8) (197, 72, 8) (730, 74, 3) (831, 75, 3) (844, 76,
5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86,
7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97,
8) (793, 79, 8) (457, 81, 3) (733, 82, 6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
6) (759, 69, 6) (459, 71, 7) (387, 73, 3) (956, 73, 3) (540, 75, 4) (912, 76,
3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
   Queue #13: (566, 56, 5)(865, 60, 5)(113, 63, 8)(66, 66, 4)(51, 67,
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6) (20, 69, 4) (857, 69, 8) (307, 72, 3) (154, 73, 7) (573, 75, 8) (129, 78, 5) (450, 79, 7) (988, 80, 5) (778, 82, 8) (77, 86, 5) (96, 87, 4) (729, 88, 7) (951, 91, 6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
5) (557, 67, 3) (95, 68, 3) (80, 69, 8) (156, 71, 3) (893, 71, 5) (511, 73,
8) (612, 76, 5) (474, 77, 8) (861, 79, 5) (106, 81, 5) (29, 83, 8) (94, 86,
4) (54, 87, 5) (87, 89, 8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97,
3)(691, 67, 8)(705, 69, 4)(867, 70, 5)(903, 71, 3)(835, 72, 7)(119, 75, 5)(92, 77, 3)(765, 77, 4)(177, 79, 7)(763, 80, 5)(945, 81, 3)(949, 83,
6) (91, 97, 8) (493, 99, 7)
3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85, 7) (198, 87, 7) (632, 90, 8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98,
8) (815, 96, 3) (282, 97, 8)
3) (187, 69, 8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91,
7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
   Time: 159
6) (495, 99, 5)
6) (586, 99, 7)
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4) (109, 88, 5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85,
3) (864, 86, 5) (124, 88, 3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92,
3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98,
Queue #6: (764, 56, 5)(818, 61, 5)(300, 63, 8)(394, 66, 8)(308, 68, 4)(649, 69, 6)(98, 71, 7)(64, 73, 7)(468, 75, 6)(230, 77, 3)(245, 78,
6) (333, 68, 8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76,
5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86,
4) (610, 97, 7)
8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
7) (951, 91, 6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
4) (54, 87, 5) (87, 89, 8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, Queue #16: (173, 57, 4) (65, 61, 8) (849, 63, 4) (588, 65, 3) (590, 66,
```

```
5) (789, 67, 5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85,
7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96,
3) (282, 97, 8)
3) (187, 69, 8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
   Arrival time interval: [10, 100]
6) (495, 99, 5)
6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87,
8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90,
5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
4) (870, 67, 8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
8) (364, 67, 4) (227, 68, 8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76,
8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85,
6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86, 6) (421, 87,
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5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97,
8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
6) (20, 69, 4) (857, 69, 8) (307, 72, 3) (154, 73, 7) (573, 75, 8) (129, 78, 5) (450, 79, 7) (988, 80, 5) (778, 82, 8) (77, 86, 5) (96, 87, 4) (729, 88, 7) (951, 91, 6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
4) (54, 87, 5) (87, 89, 8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97,
6) (91, 97, 8) (493, 99, 7)
3) (187, 69, 8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
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Time: 161
6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87,
5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97,
6) (586, 99, 7)
5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
4) (109, 88, 5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85,
3) (864, 86, 5) (124, 88, 3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92,
3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98,
Queue #6: (764, 56, 3)(818, 61, 5)(300, 63, 8)(394, 66, 8)(308, 68, 4)(649, 69, 6)(98, 71, 7)(64, 73, 7)(468, 75, 6)(230, 77, 3)(245, 78,
6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
8) (430, 70, 3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78,
5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97,
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6) (759, 69, 6) (459, 71, 7) (387, 73, 3) (956, 73, 3) (540, 75, 4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
7) (518, 67, 7) (569, 69, 5) (634, 70, 8) (772, 72, 5) (16, 74, 7) (922, 76,
3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87,
5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
7) (756, 68, 6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87,
8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
6) (20, 69, 4) (857, 69, 8) (307, 72, 3) (154, 73, 7) (573, 75, 8) (129, 78,
4) (54, 87, 5) (87, 89, 8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
3) (691, 67, 8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95,
6) (91, 97, 8) (493, 99, 7)
5) (789, 67, 5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85,
3) (282, 97, 8)
3) (187, 69, 8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
4) (885, 77, 5) (336, 79, 8) (167, 81, 6) (171, 84, 6) (727, 85, 3) (838, 86,
```



```
7) (410, 69, 4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87,
5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97,
6) (586, 99, 7)
4) (227, 68, 8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86,
6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86, 6) (421, 87,
5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97,
6) (582, 70, 7) (639, 72, 3) (366, 73, 5) (955, 74, 7) (346, 77, 8) (793, 79,
8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
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[24]
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Queue #15: (623, 60, 6) (189, 63, 5) (45, 65, 3) (195, 66, 5) (557, 67, 3) (95, 68, 3) (80, 69, 8) (156, 71, 3) (893, 71, 5) (511, 73, 8) (612, 76, 5) (474, 77, 8) (861, 79, 5) (106, 81, 5) (29, 83, 8) (94, 86, 4) (54, 87,
5) (87, 89, 8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
3)(691, 67, 8)(705, 69, 4)(867, 70, 5)(903, 71, 3)(835, 72, 7)(119, 75,
8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95,
5) (789, 67, 5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85,
3) (282, 97, 8)
3) (187, 69, 8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79,
8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
  Time: 163
  Queue #1: (443, 59, 1)(93, 61, 5)(210, 63, 3)(936, 63, 7)(800, 66,
6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87,
5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97,
6) (586, 99, 7)
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6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
   Queue #6: (764, 56, 1)(818, 61, 5)(300, 63, 8)(394, 66, 8)(308, 68,
4) (649, 69, 6) (98, 71, 7) (64, 73, 7) (468, 75, 6) (230, 77, 3) (245, 78,
6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
Queue #7: (33, 60, 1) (830, 61, 8) (275, 64, 7) (855, 66, 6) (333, 68,
6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73,
8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86,
6) (798, 95, 7) (408, 97, 8)
6) (759, 69, 6) (459, 71, 7) (387, 73, 3) (956, 73, 3) (540, 75, 4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
6) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91,
8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
5) (87, 89, 8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97,
8) (493, 99, 7)
8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)

Queue #18: (67, 61, 7) (715, 63, 3) (175, 65, 5) (785, 66, 5) (789, 67,
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4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91,
7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
6) (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
    Time: 164
4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99,
8)(6, 82, 7)(731, 84, 4)(819, 86, 4)(219, 87, 7)(994, 90, 5)(456, 92,
3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
5) (124, 88, 3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
Queue #6: (818, 61, 5)(300, 63, 8)(394, 66, 8)(308, 68, 4)(649, 69, 6)(98, 71, 7)(64, 73, 7)(468, 75, 6)(230, 77, 3)(245, 78, 8)(401, 80,
4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98,
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6) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97,
4) (610, 97, 7)
   Queue #10: (153, 60, 3) (995, 62, 6) (944, 64, 7) (42, 67, 7) (742, 68,
6) (582, 70, 7) (639, 72, 3) (366, 73, 5) (955, 74, 7) (346, 77, 8) (793, 79,
8) (457, 81, 3) (733, 82, 6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93,
6) (798, 95, 7) (408, 97, 8)
5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91,
8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
6) (20, 69, 4) (857, 69, 8) (307, 72, 3) (154, 73, 7) (573, 75, 8) (129, 78, 5) (450, 79, 7) (988, 80, 5) (778, 82, 8) (77, 86, 5) (96, 87, 4) (729, 88,
8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86,
8) (493, 99, 7)
8) (959, 69, 5) (574, 71, 4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78,
3) (187, 69, 8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91,
7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
   Maximum simulation time: 200
   Number of clients: 1000
   Arrival time interval: [10, 100]
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6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99,
8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79,
6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88,
5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86, 5) (124, 88,
4) (262, 97, 6) (745, 98, 7)
4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98,
3) (751, 99, 6)
5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
  Queue #9: (252, 62, 7)(383, 64, 3)(546, 65, 4)(918, 66, 6)(339, 68,
4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
6) (798, 95, 7) (408, 97, 8)
6) (459, 71, 7) (387, 73, 3) (956, 73, 3) (540, 75, 4) (912, 76, 5) (890, 78,
7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
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6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
3) (95, 68, 3) (80, 69, 8) (156, 71, 3) (893, 71, 5) (511, 73, 8) (612, 76,
5) (87, 89, 8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77,
8) (493, 99, 7)
6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 76, 76)
8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97,
8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79,
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Queue #5: (143, 62, 4) (567, 63, 3) (755, 64, 8) (364, 67, 4) (227, 68, 8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86, 5) (124, 88,
3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96,
4) (262, 97, 6) (745, 98, 7)
6) (98, 71, 7) (64, 73, 7) (468, 75, 6) (230, 77, 3) (245, 78, 8) (401, 80,
8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
8) (633, 96, 8) (892, 97, 7)
3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
8) (457, 81, 3) (733, 82, 6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93,
6) (798, 95, 7) (408, 97, 8)
6) (459, 71, 7) (387, 73, 3) (956, 73, 3) (540, 75, 4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90,
8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
5) (87, 89, 8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97,
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Queue #18: (67, 61, 4)(715, 63, 3)(175, 65, 5)(785, 66, 5)(789, 67,
5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80,
8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93,
8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
   Time: 167
   All of the clients have already arrived.
Queue #2: (856, 62, 7) (341, 65, 7) (76, 67, 7) (410, 69, 4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
   Queue #3: (943, 62, 6)(682, 64, 8)(279, 67, 4)(215, 68, 3)(431, 69,
5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86, 5) (124, 88,
3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
6) (98, 71, 7) (64, 73, 7) (468, 75, 6) (230, 77, 3) (245, 78, 8) (401, 80,
8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94,
4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
3) (751, 99, 6)
7) (71, 82, 5) (372, 84, 8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93,
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3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
   Queue #10: (995, 62, 6)(944, 64, 7)(42, 67, 7)(742, 68, 6)(582, 70,
5) (634, 70, 8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (51<u>7, 87, 8) (548, 91, </u>
8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
4) (857, 69, 8) (307, 72, 3) (154, 73, 7) (573, 75, 8) (129, 78, 5) (450, 79, 7) (988, 80, 5) (778, 82, 8) (77, 86, 5) (96, 87, 4) (729, 88, 7) (951, 91,
6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86,
8) (493, 99, 7)
8) (959, 69, 5) (574, 71, 4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78,
8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93,
8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
   Maximum simulation time: 200
   Number of clients: 1000
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4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99,
4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79,
6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88,
5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86, 5) (124, 88,
4) (262, 97, 6) (745, 98, 7)
4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98,
3) (751, 99, 6)
8) (633, 96, 8) (892, 97, 7)
  Queue #9: (252, 62, 4)(383, 64, 3)(546, 65, 4)(918, 66, 6)(339, 68,
4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
7) (408, 97, 8)
6) (459, 71, 7) (387, 73, 3) (956, 73, 3) (540, 75, 4) (912, 76, 5) (890, 78,
7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
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6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
3) (80, 69, 8) (156, 71, 3) (893, 71, 5) (511, 73, 8) (612, 76, 5) (474,
8) (861, 79, 5) (106, 81, 5) (29, 83, 8) (94, 86, 4) (54, 87, 5) (87, 89, 8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77,
8) (493, 99, 7)
6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 76, 76)
8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97,
8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
8) (199, 70, 6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79,
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Queue #5: (143, 62, 1) (567, 63, 3) (755, 64, 8) (364, 67, 4) (227, 68, 8) (414, 70, 7) (444, 72, 8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86, 5) (124, 88,
3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96,
4) (262, 97, 6) (745, 98, 7)
8) (633, 96, 8) (892, 97, 7)
3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80,
8) (265, 97, 8) (847, 99, 3)
8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97,
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Queue #18: (67, 61, 1)(715, 63, 3)(175, 65, 5)(785, 66, 5)(789, 67,
5) (616, 69, 4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80,
8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93,
8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
   Time: 170
   All of the clients have already arrived.
4) (989, 71, 3) (56, 73, 5) (700, 74, 6) (816, 76, 4) (885, 77, 5) (336, 79,
6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
Queue #2: (856, 62, 4) (341, 65, 7) (76, 67, 7) (410, 69, 4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
  Queue #3: (943, 62, 3)(682, 64, 8)(279, 67, 4)(215, 68, 3)(431, 69,
7) (984, 70, 6) (671, 72, 8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82,
8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95,
7) (391, 97, 6) (312, 99, 3)
3) (418, 71, 4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89,
3) (751, 99, 6)
7) (71, 82, 5) (372, 84, 8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93,
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3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
   Queue #10: (995, 62, 3)(944, 64, 7)(42, 67, 7)(742, 68, 6)(582, 70,
5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80,
7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94,
4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
4) (857, 69, 8) (307, 72, 3) (154, 73, 7) (573, 75, 8) (129, 78, 5) (450, 79, 7) (988, 80, 5) (778, 82, 8) (77, 86, 5) (96, 87, 4) (729, 88, 7) (951, 91,
6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
8) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86,
8) (493, 99, 7)
5) (574, 71, 4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80,
8) (225, 82, 7) (321, 85, 7) (198, 87, 7) (632, 90, 8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
4) (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79,
8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93,
8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
   Maximum simulation time: 200
   Number of clients: 1000
   Arrival time interval: [10, 100]
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(24)

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Queue #1: (210, 63, 1)(936, 63, 7)(800, 66, 8)(417, 68, 8)(979, 70,
4) (989, 71, 3) (56, 73, 5) (700, 74, 6) (816, 76, 4) (885, 77, 5) (336, 79,
6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)

Queue #2: (856, 62, 3) (341, 65, 7) (76, 67, 7) (410, 69, 4) (114, 70,
4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91,
8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
7) (444, 72, 8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86, 5) (124, 88, 3) (946, 89,
6) (745, 98, 7)
8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95,
5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98,
3) (751, 99, 6)
8) (197, 72, 8) (730, 74, 3) (831, 75, 3) (844, 76, 5) (796, 78, 8) (407, 80,
8) (633, 96, 8) (892, 97, 7)
  Queue #9: (252, 62, 1)(383, 64, 3)(546, 65, 4)(918, 66, 6)(339, 68,
4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
7) (408, 97, 8)
6) (459, 71, 7) (387, 73, 3) (956, 73, 3) (540, 75, 4) (912, 76, 5) (890, 78,
7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
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6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
3) (80, 69, 8) (156, 71, 3) (893, 71, 5) (511, 73, 8) (612, 76, 5) (474,
8) (861, 79, 5) (106, 81, 5) (29, 83, 8) (94, 86, 4) (54, 87, 5) (87, 89, 8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
5) (574, 71, 4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85, 7) (198, 87, 7) (632, 90, 8) (294, 93, 6) (570, 95,
8) (345, 71, 6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93,
8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
   Time: 172
4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99,
8) (491, 96, 8) (860, 97, 7)
```



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7) (444, 72, 8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86, 5) (124, 88, 3) (946, 89,
6) (745, 98, 7)
8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
8) (197, 72, 8) (730, 74, 3) (831, 75, 3) (844, 76, 5) (796, 78, 8) (407, 80,
6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90,
4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
 Queue #10: (995, 62, 1)(944, 64, 7)(42, 67, 7)(742, 68, 6)(582, 70,
7) (408, 97, 8)
8) (265, 97, 8) (847, 99, 3)
6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
  Queue #16: (849, 63, 3)(588, 65, 3)(590, 66, 3)(691, 67, 8)(705, 69,
4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77,
6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99, Queue #17: (613, 63, 3) (777, 65, 3) (681, 66, 5) (699, 67, 8) (959, 69,
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6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
Queue #3: (682, 64, 8) (279, 67, 4) (215, 68, 3) (431, 69, 7) (984, 70, 6) (671, 72, 8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96,
8) (860, 97, 7)
6) (794, 71, 6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80,
8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
8) (633, 96, 8) (892, 97, 7)
   Queue #9: (383, 64, 2)(546, 65, 4)(918, 66, 6)(339, 68, 3)(532, 69,
6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
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Queue #10: (944, 64, 7)(42, 67, 7)(742, 68, 6)(582, 70, 7)(639, 72,
3) (366, 73, 5) (955, 74, 7) (346, 77, 8) (793, 79, 8) (457, 81, 3) (733, 82,
6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8) Queue #11: (445, 64, 3) (848, 65, 8) (21, 68, 6) (759, 69, 6) (459, 71,
6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
8) (772, 72, 5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80,
6) (362, 96, 8) (737, 97, 5)
8) (156, 71, 3) (893, 71, 5) (511, 73, 8) (612, 76, 5) (474, 77, 8) (861, 79,
6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
8) (225, 82, 7) (321, 85, 7) (198, 87, 7) (632, 90, 8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96,
   Arrival time interval: [10, 100]
   Time: 174
   All of the clients have already arrived.
3) (56, 73, 5) (700, 74, 6) (816, 76, 4) (885, 77, 5) (336, 79, 8) (167, 81,
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Queue #2: (341, 65, 7)(76, 67, 7)(410, 69, 4)(114, 70, 5)(757, 71, 3)(365, 72, 3)(185, 73, 6)(309, 75, 6)(229, 77, 8)(645, 79, 7)(335, 81,
5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
6) (671, 72, 8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84,
8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81,
3) (677, 83, 7) (814, 85, 3) (864, 86, 5) (124, 88, 3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95,
5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
8) (730, 74, 3) (831, 75, 3) (844, 76, 5) (796, 78, 8) (407, 80, 7) (71, 82,
6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90,
4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8) Queue #11: (445, 64, 2) (848, 65, 8) (21, 68, 6) (759, 69, 6) (459, 71,
6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
8) (847, 99, 3)
6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80,
3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94,
4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
6) (362, 96, 8) (737, 97, 5)
```



```
4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
  Queue #17: (613, 63, 1)(777, 65, 3)(681, 66, 5)(699, 67, 8)(959, 69,
5) (574, 71, 4) (65\overline{4}, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 75, 78, 10)
8) (225, 82, 7) (321, 85, 7) (198, 87, 7) (632, 90, 8) (294, 93, 6) (570, 95,
4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91,
5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84,
6) (241, 97, 5) (510, 98, 6)
   Arrival time interval: [10, 100]
Queue #2: (341, 65, 6)(76, 67, 7)(410, 69, 4)(114, 70, 5)(757, 71, 3)(365, 72, 3)(185, 73, 6)(309, 75, 6)(229, 77, 8)(645, 79, 7)(335, 81,
5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
6) (671, 72, 8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96,
8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81,
3) (677, 83, 7) (814, 85, 3) (864, 86, 5) (124, 88, 3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98,
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Queue #8: (342, 65, 5)(15, 67, 6)(354, 68, 5)(792, 69, 8)(197, 72, 8)(730, 74, 3)(831, 75, 3)(844, 76, 5)(796, 78, 8)(407, 80, 7)(71, 82,
8) (892, 97, 7)
3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97,
8) (847, 99, 3)
6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80,
4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
8) (307, 72, 3) (154, 73, 7) (573, 75, 8) (129, 78, 5) (450, 79, 7) (988, 80,
5) (106, 81, 5) (29, 83, 8) (94, 86, 4) (54, 87, 5) (87, 89, 8) (112, 92,
3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82,
6) (858, 72, 7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84,
6) (241, 97, 5) (510, 98, 6)
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Time: 176
8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
8) (860, 97, 7)
6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91, 8) (706, 93,
8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81,
7) (391, 97, 6) (312, 99, 3)
4) (533, 72, 4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80,
5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
8) (730, 74, 3) (831, 75, 3) (844, 76, 5) (796, 78, 8) (407, 80, 7) (71, 82,
8) (892, 97, 7)
3) (827, 71, 4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91,
4)(829, 92, 8)(249, 96, 3)(68, 97, 4)(610, 97, 7)
Queue #10: (944, 64, 4)(42, 67, 7)(742, 68, 6)(582, 70, 7)(639, 72,
6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
3) (956, 73, 3) (540, 75, 4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
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8) (77, 86, 5) (96, 87, 4) (729, 88, 7) (951, 91, 6) (562, 94, 6) (362, 96,
8) (737, 97, 5)
3) (893, 71, 5) (511, 73, 8) (612, 76, 5) (474, 77, 8) (861, 79, 5) (106, 81,
8) (367, 96, 7) (651, 97, 7)
8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
4) (466, 97, 3) (352, 98, 4)
6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80,
5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
  Time: 177
5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81,
8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
4) (819, 86, 4) (219, 87, 7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96,
8) (860, 97, 7)
6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83,
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Queue #5: (755, 64, 4)(364, 67, 4)(227, 68, 8)(414, 70, 7)(444, 72, 8)(928, 74, 3)(89, 76, 8)(28, 79, 4)(664, 79, 6)(954, 80, 3)(624, 81,
3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98,
7) (468, 75, 6) (230, 77, 3) (245, 78, 8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
Queue #8: (342, 65, 3)(15, 67, 6)(354, 68, 5)(792, 69, 8)(197, 72, 8)(730, 74, 3)(831, 75, 3)(844, 76, 5)(796, 78, 8)(407, 80, 7)(71, 82,
8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91,
4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
Queue #10: (944, 64, 3) (42, 67, 7) (742, 68, 6) (582, 70, 7) (639, 72,
6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
8) (847, 99, 3)
8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81,
6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
8) (737, 97, 5)
8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
Queue #17: (777, 65, 1) (681, 66, 5) (699, 67, 8) (959, 69, 5) (574, 71, 4) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85, 7) (198, 87, 7) (632, 90, 8) (294, 93, 6) (570, 95, 4) (780, 96,
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4) (799, 97, 6)
5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
6) (671, 72, 8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96,
8) (860, 97, \overline{7})
6) (660, 73, 8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83,
8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
Queue #5: (755, 64, 3)(364, 67, 4)(227, 68, 8)(414, 70, 7)(444, 72, 8)(928, 74, 3)(89, 76, 8)(28, 79, 4)(664, 79, 6)(954, 80, 3)(624, 81,
3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98,
5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
Queue #8: (342, 65, 2)(15, 67, 6)(354, 68, 5)(792, 69, 8)(197, 72, 8)(730, 74, 3)(831, 75, 3)(844, 76, 5)(796, 78, 8)(407, 80, 7)(71, 82,
8) (892, 97, 7)
4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
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6) (285, 96, 8) (688, 97, 7)
5) (16, 74, 7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82,
8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81,
8) (737, 97, 5)
3) (893, 71, 5) (511, 73, 8) (612, 76, 5) (474, 77, 8) (861, 79, 5) (106, 81,
8) (367, 96, 7) (651, 97, 7)
3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80,
3) (702, 94, \overline{4}) (526, 95, 6) (91, 97, 8) (493, 99, 7)
6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85,
4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84,
4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81,
  Time: 179
6) (727, 85, 3) (838, 86, 8) (720, 89, 4) (657, 91, 6) (413, 93, 5) (425, 95,
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Queue #2: (341, 65, 2)(76, 67, 7)(410, 69, 4)(114, 70, 5)(757, 71, 3)(365, 72, 3)(185, 73, 6)(309, 75, 6)(229, 77, 8)(645, 79, 7)(335, 81, 8)(243, 84, 5)(101, 86, 6)(813, 87, 5)(379, 90, 6)(139, 92, 4)(940, 93,
5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
  Queue #3: (682, 64, 2)(279, 67, 4)(215, 68, 3)(431, 69, 7)(984, 70,
6) (671, 72, 8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84,
8) (860, 97, 7)
8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95, 7) (391, 97,
6) (312, 99, 3)
4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
8) (730, 74, 3) (831, 75, 3) (844, 76, 5) (796, 78, 8) (407, 80, 7) (71, 82,
8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
6) (285, 96, 8) (688, 97, 7)
4) (713, 96, 8) (683, 98, 7)
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3) (352, 98, 4)
4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
   Arrival time interval: [10, 100]
   Time: 180
5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
Queue #2: (341, 65, 1) (76, 67, 7) (410, 69, 4) (114, 70, 5) (757, 71, 3) (365, 72, 3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93,
5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
8) (860, 97, 7)
5) (314, 97, 6) (766, 98, 4)
8) (928, 74, 3) (89, 76, 8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81,
3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95, 7) (391, 97,
6) (312, 99, 3)
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8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
7) (58, 87, 8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
8) (847, 99, 3)
4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84,
8) (683, 98, 7)
8) (737, 97, 5)
8) (367, 96, 7) (651, 97, 7)
3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80,
Queue #17: (681, 66, 3)(699, 67, 8)(959, 69, 5)(574, 71, 4)(654, 72, 6)(117, 74, 3)(718, 75, 8)(172, 78, 8)(37, 80, 8)(225, 82, 7)(321, 85,
3) (352, 98, 4)
4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
4) (799, 97, 6)
5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97,
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Time: 181
   All of the clients have already arrived.
5) (700, 74, 6) (816, 76, 4) (885, 77, 5) (336, 79, 8) (167, 81, 6) (171, 84, 6) (727, 85, 3) (838, 86, 8) (720, 89, 4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84,
Queue #5: (364, 67, 4)(227, 68, 8)(414, 70, 7)(444, 72, 8)(928, 74, 3)(89, 76, 8)(28, 79, 4)(664, 79, 6)(954, 80, 3)(624, 81, 3)(677, 83,
3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)

Queue #9: (918, 66, 4) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71,
8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
Queue #10: (42, 67, 6)(742, 68, 6)(582, 70, 7)(639, 72, 3)(366, 73, 5)(955, 74, 7)(346, 77, 8)(793, 79, 8)(457, 81, 3)(733, 82, 6)(826, 84,
6) (285, 96, 8) (688, 97, 7)
7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99,
8) (683, 98, 7)
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7) (651, 97, 7)
4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
3) (352, 98, 4)
4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
4)(640, 86, 6)(41, 88, 7)(611, 91, 7)(907, 93, 8)(672, 96, 3)(100, 97,
4) (799, 97, 6)
5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97,
5) (958, 96, 4) (475, 97, 6) (495, 99, 5)
5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
4) (219, 87, 7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
8) (754, 76, 5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91, 8) (706, 93, 8) (617, 96,
3) (89, 76, 8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83,
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4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93,
3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)

Queue #9: (918, 66, 3) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71,
8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94,
6) (285, 96, 8) (688, 97, 7)
7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99,
8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96,
8) (683, 98, 7)
4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
  Queue #17: (681, 66, 1)(699, 67, 8)(959, 69, 5)(574, 71, 4)(654, 72,
6) (117, 74, 3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85,
4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97,
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3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86,
4) (219, 87, 7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
Queue #4: (934, 66, 1)(870, 67, 8)(199, 70, 6)(794, 71, 6)(660, 73, 8)(754, 76, 5)(38, 78, 4)(202, 79, 6)(678, 80, 8)(542, 83, 4)(380, 84, 3)(787, 85, 4)(2, 87, 4)(109, 88, 5)(155, 91, 8)(706, 93, 8)(617, 96,
6) (312, 99, 3)
4) (767, 73, 7) (209, 76, 7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82,
4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
4) (105, 73, 4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92,
8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96,
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8) (683, 98, 7)
5) (96, 87, 4) (729, 88, 7) (951, 91, 6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
5) (511, 73, 8) (612, 76, 5) (474, 77, 8) (861, 79, 5) (106, 81, 5) (29, 83,
8) (94, 86, 4) (54, 87, 5) (87, 89, 8) (112, 92, 3) (280, 93, 8) (367, 96,
Queue #16: (691, 67, 6)(705, 69, 4)(867, 70, 5)(903, 71, 3)(835, 72, 7)(119, 75, 5)(92, 77, 3)(765, 77, 4)(177, 79, 7)(763, 80, 5)(945, 81,
8) (815, 96, 3) (282, 97, 8)
7) (221, 75, 3) (635, 76, 8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84,
5) (510, 98, 6)
   Time: 184
3) (185, 73, 6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95,
3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
8) (451, 75, 8) (902, 77, 8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97,
6) (766, 98, 4)
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6) (312, 99, 3)
   Queue #7: (855, 66, 1)(333, 68, 8)(430, 70, 3)(418, 71, 4)(533, 72,
3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)

Queue #9: (918, 66, 1) (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71,
8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
8) (688, 97, 7)
8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99,
8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96,
8) (683, 98, 7)
5) (96, 87, 4) (729, 88, 7) (951, 91, 6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
8) (612, 76, 5) (474, 77, 8) (861, 79, 5) (106, 81, 5) (29, 83, 8) (94, 86,
4) (54, 87, 5) (87, 89, 8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, Queue #16: (691, 67, 5) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81,
8) (815, 96, 3) (282, 97, 8)
6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6) Queue #20: (930, 66, 3) (400, 69, 6) (978, 70, 3) (721, 71, 4) (659, 72,
5) (510, 98, 6)
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Time: 185
7) (994, 90, 5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85,
3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)

Queue #9: (339, 68, 3) (532, 69, 7) (132, 71, 3) (827, 71, 4) (105, 73,
8) (688, 97, 7)
7) (922, 76, 3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99,
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[24]
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Queue #16: (691, 67, 4)(705, 69, 4)(867, 70, 5)(903, 71, 3)(835, 72,
6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97,
  Maximum simulation time: 200
  Time: 186
Queue #3: (215, 68, 2)(431, 69, 7)(984, 70, 6)(671, 72, 8)(451, 75, 8)(902, 77, 8)(873, 79, 8)(6, 82, 7)(731, 84, 4)(819, 86, 4)(219, 87,
3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99,
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4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
3) (844, 76, 5) (796, 78, 8) (407, 80, 7) (71, 82, 5) (372, 84, 8) (52, 87,
4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96,
8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96,
8) (683, 98, 7)
5) (96, 87, 4) (729, 88, 7) (951, 91, 6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
8) (612, 76, 5) (474, 77, 8) (861, 79, 5) (106, 81, 5) (29, 83, 8) (94, 86,
4) (526, 95, 6) (91, 97, 8) (493, 99, 7)
3) (718, 75, 8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85, 7) (198, 87, 7) (632, 90, 8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98,
8) (815, 96, 3) (282, 97, 8)
  Number of clients: 1000
   Service time interval: [3, 9]
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6) (816, 76, 4) (885, 77, 5) (336, 79, 8) (167, 81, 6) (171, 84, 6) (727, 85,
6) (766, 98, 4)
8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85,
4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
Queue #8: (354, 68, 4) (792, 69, 8) (197, 72, 8) (730, 74, 3) (831, 75,
4) (924, 73, 8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84,
8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
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7) (632, 90, 8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
8) (815, 96, 3) (282, 97, 8)
  Time: 188
6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86,
6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96,
5) (513, 97, 6) (586, 99, 7)
Queue #3: (431, 69, 7)(984, 70, 6)(671, 72, 8)(451, 75, 8)(902, 77, 8)(873, 79, 8)(6, 82, 7)(731, 84, 4)(819, 86, 4)(219, 87, 7)(994, 90,
5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
 Queue #4: (870, 67, 4)(199, 70, 6)(794, 71, 6)(660, 73, 8)(754, 76,
3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
6) (230, 77, 3) (245, 78, 8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86,
7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99,
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8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86,
4) (610, 97, 7)
7) (346, 77, 8) (793, 79, 8) (457, 81, 3) (733, 82, 6) (826, 84, 7) (58, 87,
8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
3) (540, 75, 4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96,
4) (729, 88, 7) (951, 91, 6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
5) (87, 89, 8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)

Queue #16: (691, 67, 1) (705, 69, 4) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81,
3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94,
3) (282, 97, 8)
8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88,
7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
  Maximum simulation time: 200
   Time: 189
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24)

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5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
5) (38, 78, 4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85,
4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97,
7) (346, 77, 8) (793, 79, 8) (457, 81, 3) (733, 82, 6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
8) (688, 97, 7)
3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86,
8) (129, 78, 5) (450, 79, 7) (988, 80, 5) (778, 82, 8) (77, 86, 5) (96, 87, 4) (729, 88, 7) (951, 91, 6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
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8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88, 7) (611, 91, 7) (907, 93, 8) (672, 96, 3) (100, 97, 4) (799, 97, 6)
6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86,
6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
  Time: 190
5) (513, 97, 6) (586, 99, 7)
8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90,
5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
6) (766, 98, 4)
8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85,
3) (864, 86, 5) (124, 88, 3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
3) (245, 78, 8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89,
7) (35, 90, 5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97,
7) (346, 77, 8) (793, 79, 8) (457, 81, 3) (733, 82, 6) (826, 84, 7) (58, 87,
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3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86,
3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
8) (129, 78, 5) (450, 79, 7) (988, 80, 5) (778, 82, 8) (77, 86, 5) (96, 87, 4) (729, 88, 7) (951, 91, 6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
5) (87, 89, 8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
7) (632, 90, 8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98,
6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
6) (309, 75, 6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86,
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24)

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8) (28, 79, 4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85,
3) (864, 86, 5) (124, 88, 3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
3) (245, 78, 8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89,
4) (75, 86, 6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97,
7) (346, 77, 8) (793, 79, 8) (457, 81, 3) (733, 82, 6) (826, 84, 7) (58, 87, 81, 10)
8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
Queue #11: (759, 69, 5) (459, 71, 7) (387, 73, 3) (956, 73, 3) (540, 75, 4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97,
3) (472, 77, 5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87,
5) (87, 89, 8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)

Queue #16: (705, 69, 2) (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77, 3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83,
6) (91, 97, 8) (493, 99, 7)
8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
3) (282, 97, 8)
8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88,
   Queue #20: (400, 69, 2)(978, 70, 3)(721, 71, 4)(659, 72, 5)(896, 73,
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Time: 192
6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87,
                  7)
8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90,
5) (456, 92, 3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
Queue #5: (227, 68, 1)(414, 70, 7)(444, 72, 8)(928, 74, 3)(89, 76, 8)(28, 79, 4)(664, 79, 6)(954, 80, 3)(624, 81, 3)(677, 83, 7)(814, 85,
3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
4) (862, 95, 3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
5) (796, 78, 8) (407, 80, 7) (71, 82, 5) (372, 84, 8) (52, 87, 7) (35, 90,
5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
4) (610, 97, 7)
8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97, 7)
Queue #13: (756, 68, 1) (808, 70, 6) (266, 72, 8) (845, 74, 4) (436, 76, 4) (432, 77, 7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98,
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6) (91, 97, 8) (493, 99, 7)
   Queue #17: (959, 69, 4) (574, 71, 4) (654, 72, 6) (117, 74, 3) (718, 75,
8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85, 7) (198, 87, 7) (632, 90,
8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
Queue #18: (299, 70, 6) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76, 8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97,
   Time: 193
6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87,
8) (873, 79, 8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90,
6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
7) (288, 78, 6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86, 6) (421, 87, 5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95,
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8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86,
4) (610, 97, 7)
8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97,
8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
5) (87, 89, 8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)

Queue #16: (867, 70, 5) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77,

3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86,
8) (493, 99, 7)
8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87, 4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
Queue #20: (978, 70, 3) (721, 71, 4) (659, 72, 5) (896, 73, 6) (743, 76, 8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
4) (475, 97, 6) (495, 99, 5)
6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87,
5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97,
```

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4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87,
4) (109, 88, 5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86, 5) (124, 88, 3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
8) (142, 77, 4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97,
8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87, 8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
7) (951, 91, 6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
5) (87, 89, 8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)

Queue #16: (867, 70, 4) (903, 71, 3) (835, 72, 7) (119, 75, 5) (92, 77,
8) (493, 99, 7)
8) (172, 78, 8) (37, 80, 8) (225, 82, 7) (321, 85, 7) (198, 87, 7) (632, 90,
8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
Queue #18: (299, 70, 4) (908, 71, 4) (168, 73, 7) (824, 75, 3) (804, 76,
8) (145, 79, 8) (825, 80, 8) (118, 84, 4) (462, 84, 4) (640, 86, 6) (41, 88,
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Number of clients: 1000
6) (586, 99, 7)
Queue #3: (984, 70, 6)(671, 72, 8)(451, 75, 8)(902, 77, 8)(873, 79, 8)(6, 82, 7)(731, 84, 4)(819, 86, 4)(219, 87, 7)(994, 90, 5)(456, 92,
4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87,
6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92,
6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
3) (49, 97, 7) (598, 98, 3) (751, 99, 6)
4) (889, 78, 6) (854, 79, 8) (876, 81, 4) (184, 84, 7) (306, 86, 7) (351, 88, 4) (399, 90, 4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
4) (912, 76, 5) (890, 78, 7) (971, 79, 7) (880, 81, 8) (313, 85, 3) (409, 86, 7) (464, 88, 3) (251, 90, 5) (926, 91, 6) (371, 94, 6) (285, 96, 8) (688, 97,
8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98,
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5) (450, 79, 7) (988, 80, 5) (778, 82, 8) (77, 86, 5) (96, 87, 4) (729, 88,
8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
3) (765, 77, 4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86,
8) (294, 93, 6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
4) (665, 89, 3) (233, 91, 5) (594, 92, 4) (869, 94, 8) (815, 96, 3) (282, 97, 8)
8) (149, 79, 6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89,
3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
  Maximum simulation time: 200
  Number of clients: 1000
  Time: 196
6) (229, 77, 8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87,
6) (586, 99, 7)
8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90, 5) (456, 92,
4) (109, 88, 5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
4) (664, 79, 6) (954, 80, 3) (624, 81, 3) (677, 83, 7) (814, 85, 3) (864, 86, 5) (124, 88, 3) (946, 89, 3) (290, 91, 3) (982, 91, 3) (812, 92, 3) (919, 94, 6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86, 6) (421, 87,
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5) (796, 78, 8) (407, 80, 7) (71, 82, 5) (372, 84, 8) (52, 87, 7) (35, 90, 5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
   Queue #9: (132, 71, 2)(827, 71, 4)(105, 73, 4)(924, 73, 8)(142, 77,
Queue #10: (582, 70, 4) (639, 72, 3) (366, 73, 5) (955, 74, 7) (346, 77, 8) (793, 79, 8) (457, 81, 3) (733, 82, 6) (826, 84, 7) (58, 87, 8) (232, 91, 8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
5) (239, 79, 5) (636, 80, 7) (123, 82, 8) (558, 85, 8) (820, 87, 5) (403, 90, 8) (218, 93, 5) (384, 95, 8) (265, 97, 8) (847, 99, 3)
8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
8) (112, 92, 3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
8) (192, 79, 5) (284, 80, 5) (455, 81, 4) (296, 83, 7) (644, 85, 7) (601, 87,
Queue #19: (345, 71, 5)(858, 72, 7)(221, 75, 3)(635, 76, 8)(145, 79, 8)(825, 80, 8)(118, 84, 4)(462, 84, 4)(640, 86, 6)(41, 88, 7)(611, 91,
  Queue #20: (721, 71, 4)(659, 72, 5)(896, 73, 6)(743, 76, 8)(149, 79,
8) (720, 89, 4) (657, 91, 6) (413, 93, 5) (425, 95, 5) (958, 96, 4) (475, 97,
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8) (645, 79, 7) (335, 81, 8) (243, 84, 5) (101, 86, 6) (813, 87, 5) (379, 90, 6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
8) (6, 82, 7) (731, 84, 4) (819, 86, 4) (219, 87, 7) (994, 90, 5) (456, 92,
3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
4) (202, 79, 6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98,
8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92, 6) (921, 94, 4) (775, 95, 7) (391, 97, 6) (312, 99, 3)
6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86, 6) (421, 87,
5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97,
5) (693, 91, 5) (790, 93, 8) (633, 96, 8) (892, 97, 7)
8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
8) (548, 91, 8) (437, 94, 4) (470, 95, 4) (713, 96, 8) (683, 98, 7)
8) (861, 79, 5) (106, 81, 5) (29, 83, 8) (94, 86, 4) (54, 87, 5) (87, 89,
8) (493, 99, 7)
Queue #17: (574, 71, 3)(654, 72, 6)(117, 74, 3)(718, 75, 8)(172, 78, 8)(37, 80, 8)(225, 82, 7)(321, 85, 7)(198, 87, 7)(632, 90, 8)(294, 93,
6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
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6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90, 8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
6) (495, 99, 5)
6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
Queue #3: (984, 70, 3)(671, 72, 8)(451, 75, 8)(902, 77, 8)(873, 79, 8)(6, 82, 7)(731, 84, 4)(819, 86, 4)(219, 87, 7)(994, 90, 5)(456, 92,
3) (519, 93, 8) (491, 96, 8) (860, 97, 7)
6) (631, 96, 4) (262, 97, 6) (745, 98, 7)
8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92,
4) (843, 91, 4) (829, 92, 8) (249, 96, 3) (68, 97, 4) (610, 97, 7)
8) (793, 79, 8) (457, 81, 3) (733, 82, 6) (826, 84, 7) (58, 87, 8) (232, 91,
8) (900, 93, 6) (798, 95, 7) (408, 97, 8)
Queue #11: (459, 71, 5)(387, 73, 3)(956, 73, 3)(540, 75, 4)(912, 76, 5)(890, 78, 7)(971, 79, 7)(880, 81, 8)(313, 85, 3)(409, 86, 7)(464, 88, 3)(251, 90, 5)(926, 91, 6)(371, 94, 6)(285, 96, 8)(688, 97, 7)
7) (446, 79, 6) (917, 80, 3) (496, 81, 6) (208, 84, 8) (976, 86, 3) (517, 87,
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5) (450, 79, 7) (988, 80, 5) (778, 82, 8) (77, 86, 5) (96, 87, 4) (729, 88, 7) (951, 91, 6) (562, 94, 6) (362, 96, 8) (737, 97, 5)
5) (106, 81, 5) (29, 83, 8) (94, 86, 4) (54, 87, 5) (87, 89, 8) (112, 92,
3) (280, 93, 8) (367, 96, 7) (651, 97, 7)
4) (177, 79, 7) (763, 80, 5) (945, 81, 3) (949, 83, 8) (498, 86, 4) (191, 87, 6) (349, 90, 8) (597, 92, 3) (702, 94, 4) (526, 95, 6) (91, 97, 8) (493, 99, 7) Queue #17: (574, 71, 2) (654, 72, 6) (117, 74, 3) (718, 75, 8) (172, 78,
6) (570, 95, 4) (780, 96, 4) (466, 97, 3) (352, 98, 4)
   Queue #20: (721, 71, 2)(659, 72, 5)(896, 73, 6)(743, 76, 8)(149, 79,
6) (292, 80, 7) (992, 81, 7) (606, 84, 6) (977, 86, 6) (480, 89, 3) (663, 90,
   Maximum simulation time: 200
   Number of clients: 1000
6) (139, 92, 4) (940, 93, 5) (734, 95, 3) (698, 96, 5) (513, 97, 6) (586, 99, 7)
6) (678, 80, 8) (542, 83, 4) (380, 84, 3) (787, 85, 4) (2, 87, 4) (109, 88, 5) (155, 91, 8) (706, 93, 8) (617, 96, 5) (314, 97, 6) (766, 98, 4)
6) (631, 96, 4) (262, 97, 6) (745, 98, 7)

Queue #6: (98, 71, 3) (64, 73, 7) (468, 75, 6) (230, 77, 3) (245, 78, 8) (401, 80, 8) (353, 82, 8) (894, 85, 3) (939, 86, 7) (485, 89, 7) (102, 92,
6) (805, 79, 3) (761, 80, 7) (544, 82, 4) (289, 84, 4) (75, 86, 6) (421, 87,
5) (960, 89, 5) (662, 91, 5) (710, 93, 3) (999, 94, 4) (862, 95, 3) (49, 97,
```



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Queue #19: (345, 71, 2)(858, 72, 7)(221, 75, 3)(635, 76, 8)(145, 79,
Queue #20: (721, 71, 1)(659, 72, 5)(896, 73, 6)(743, 76, 8)(149, 79, 6)(292, 80, 7)(992, 81, 7)(606, 84, 6)(977, 86, 6)(480, 89, 3)(663, 90,
8) (376, 93, 6) (658, 95, 6) (241, 97, 5) (510, 98, 6)
  Average wait time: 81.56
  Average service time: 5.51
```

6. Concluzii

In urma realizarii acestei teme am reusit sa imi aprofundez cunostintele in Java (si implicit in Java Swing) si am deprins abilitatile necesare pentru a lurcra cu mai multe thread-uri si a dezvolta aplicatii multi-threaded.

De asemenea, am invatat sa folosesc GitLab si produse similare Git pentru a partaja codul si ultimele modificari efectuate, ceea ce se va dovedi a fi o unealta foarte puternica atat pentru temele si proiectele ce vor urma, dar mai ales in cadrul mediului locului de munca, unde se va prefera o abordare similara pentru stocarea si distributia codului sursa.



In ceea ce priveste o posibila dezvoltare ulterioara, un buton de "New simulation" ar putea fi adaugat pe frameul de simulare, pentru ca utilizatorul sa poata sa initializeze o noua simulare fara sa inchida aplicatia.

Implementarea unui asemenea sistem de management de cozi s-ar putea face doar daca ar comunica cu un sistem de determinare a timpului de procesare pentru fiecare client, pe baza cantitatii si tipului de produse in cos, modalitatea de plata, varsta, timpul petrecut in magazin, etc.

7. Bibliografie

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