Tables for First-fit algorithm

CASE-2(First-fit)

p	q	n	m	t	algo	Memory Utilization	Avg. turnAr
1000	200	10	10	10	First-fit	98.446667	0.001433
2000	200	10	10	10	First-fit	92.496667	0.001526
3000	200	10	10	10	First-fit	93.414444	0.001734
4000	200	10	10	10	First-fit	89.541667	0.002136
5000	200	10	10	10	First-fit	84.856	0.001911
6000	200	10	10	10	First-fit	74.422619	0.001581
7000	200	10	10	10	First-fit	64.255476	0.001211
8000	200	10	10	10	First-fit	56.269375	0.001128

CASE-3(First-fit)

p	q	n	m	t	algo	Memory Utilization	Avg. turnAr
1000	200	10	10	10	First-fit	98.446667	0.001433
1000	200	12	10	10	First-fit	94.646667	0.000037
1000	200	14	10	10	First-fit	98.393333	0.00002
1000	200	16	10	10	First-fit	97.83	0.000054
1000	200	18	10	10	First-fit	98.543333	0.001479
1000	200	20	10	10	First-fit	92.07	0.001134

CASE-4(First-fit)

p	q	n	m	t	algo	Memory Utilization	Avg. turnAr
1000	200	10	10	10	First-fit	98.446667	0.001433
1000	200	10	12	10	First-fit	94.206667	0.000218
1000	200	10	14	10	First-fit	97.536667	0.000103
1000	200	10	16	10	First-fit	87.56	0.000105
1000	200	10	18	10	First-fit	96.45	0.001369
1000	200	10	20	10	First-fit	96.866667	0.001249

CASE-5(First-fit)

p	q	n	m	t	algo	Memory Utilization	Avg. turnAr
1000	200	10	10	10	First-fit	98.446667	0.001433
1000	200	10	10	12	First-fit	98.84	0.0001
1000	200	10	10	14	First-fit	93.073333	0.001173
1000	200	10	10	16	First-fit	99.03	0.000104
1000	200	10	10	18	First-fit	97.376667	0.00011
1000	200	10	10	20	First-fit	96.983333	0.000038

Tables for next-fit algorithm

CASE-2(next-fit)

p	q	n	m	t	algo	Memory Utilization	Avg. turnAr
1000	200	10	10	10	next-fit	97.98	0.002829
2000	200	10	10	10	next-fit	94.886667	0.001047
3000	200	10	10	10	next-fit	92.682222	0.00218
4000	200	10	10	10	next-fit	87.965833	0.000036
5000	200	10	10	10	next-fit	83.361333	0.002651
6000	200	10	10	10	next-fit	74.668254	0.002034
7000	200	10	10	10	next-fit	64.284999	0.001791
8000	200	10	10	10	next-fit	56.004583	0.001635

CASE-3(next-fit)

p	q	n	m	t	algo	Memory Utilization	Avg. turnAr
1000	200	10	10	10	next-fit	97.98	0.002829
1000	200	12	10	10	next-fit	97.183333	0.000751
1000	200	14	10	10	next-fit	95.506667	0.000624
1000	200	16	10	10	next-fit	96.81	0.000036
1000	200	18	10	10	next-fit	96.463333	0.000581
1000	200	20	10	10	next-fit	98.226667	0.000962

CASE-4(next-fit)

p	q	n	m	t	algo	Memory Utilization	Avg. turnAr
1000	200	10	10	10	next-fit	97.98	0.002829
1000	200	10	12	10	next-fit	97.58	0.001345
1000	200	10	14	10	next-fit	91.603333	0.001232
1000	200	10	16	10	next-fit	96.736667	0.001564
1000	200	10	18	10	next-fit	93.716667	0.000791
1000	200	10	20	10	next-fit	97.26	0.000687

CASE-5(next-fit)

p	q	n	m	t	algo	Memory Utilization	Avg. turnAr
1000	200	10	10	10	next-fit	97.98	0.002829
1000	200	10	10	12	next-fit	98.296667	0.000782
1000	200	10	10	14	next-fit	98.79	0.00095
1000	200	10	10	16	next-fit	97.93	0.000022
1000	200	10	10	18	next-fit	98.766667	0.000016
1000	200	10	10	20	next-fit	99.13	0.000016

Tables for best-fit algorithm

CASE-2(best-fit)

p	q	n	m	t	algo	Memory Utilization	Avg. turnAr
1000	200	10	10	10	best-fit	96.89	0.005609
2000	200	10	10	10	best-fit	94.865	0.004051

3000	200	10	10	10	best-fit	93.974444	0.006085
4000	200	10	10	10	best-fit	91.280833	0.005064
5000	200	10	10	10	best-fit	85.41	0.006065
6000	200	10	10	10	best-fit	75.470635	0.007084
7000	200	10	10	10	best-fit	64.293333	0.004086
8000	200	10	10	10	best-fit	56.260833	0.003084

CASE-3(best-fit)

p	q	n	m	t	algo	Memory Utilization	Avg. turnAr
1000	200	10	10	10	best-fit	96.89	0.006009
1000	200	12	10	10	best-fit	92.603333	0.004042
1000	200	14	10	10	best-fit	97.446667	0.006027
1000	200	16	10	10	best-fit	97.923333	0.004037
1000	200	18	10	10	best-fit	96.143333	0.005039
1000	200	20	10	10	best-fit	97.69	0.005694

CASE-4(best-fit)

p	q	n	m	t	algo	Memory Utilization	Avg. turnAr
1000	200	10	10	10	best-fit	96.89	0.006009
1000	200	10	12	10	best-fit	96.91	0.00335
1000	200	10	14	10	best-fit	97.713333	0.004407
1000	200	10	16	10	best-fit	98.023333	0.007201
1000	200	10	18	10	best-fit	98.01	0.003034
1000	200	10	20	10	best-fit	97.956667	0.005002

CASE-5(best-fit)

p	q	n	m	t	algo	Memory Utilization	Avg. turnAr
1000	200	10	10	10	best-fit	96.89	0.006009
1000	200	10	10	12	best-fit	98.03	0.004096
1000	200	10	10	14	best-fit	98.766667	0.005026
1000	200	10	10	16	best-fit	97.02	0.006004
1000	200	10	10	18	best-fit	98.133333	0.003032
1000	200	10	10	20	best-fit	96.33	0.002004