

SHORTEST JOB FIRST AND SHORTEST REMAINING TIME

5 process

here process mean an array of size min of 4 or max 10

and size of the must be random

no user input

SHORTEST JOB FIRST

p1 23 32 13 41 42

p2 12 22 11 12 43 32

p3 1 2 3 4 5

p4 10 2 12 12 3

p5 32 1 2 4 3 1 2

process 1

23 32 13 41 42

process 1 complete

process 3

1 2 3 4 5

process 3 complete

process 4

10 2 12 12 3

process 4 complete

process 5

32 1 2 4 3 1 2

process complete

process 2

12 22 11 12 43 32

process 2 complete

all processess completed

SHORTEST REMAINING TIME:

p1 3 4 2 1 3 2 2

process 1

3

p1 4 2 1 3 2 2

p2 23 21 23 54 32 1

process1

4

p1 2 1 3 2 2

p2 23 21 23 54 32 1
p3 1 2 3 4

process 3
1

p1 2 1 3 2 2
p2 23 21 23 54 32 1
p3 2 3 4
p4 32 34 54 12 1

process 3
2

p1 2 1 3 2 2
p2 23 21 23 54 32 1
p3 3 4
p4 32 34 54 12 1
p5 1 2 3 4

process 3
3

p1 2 1 3 2 2
p2 23 21 23 54 32 1
p3 4
p4 32 34 54 12 1
p5 1 2 3 4

process 3
4
process 3 completed

p1 2 1 3 2 2
p2 23 21 23 54 32 1
p4 32 34 54 12 1
p5 1 2 3 4

process 5
1

p1 2 1 3 2 2
p2 23 21 23 54 32 1
p4 32 34 54 12 1
p5 2 3 4

process 5
2

p1 2 1 3 2 2
p2 23 21 23 54 32 1
p4 32 34 54 12 1
p5 3 4

process 5
3

p1 2 1 3 2 2
p2 23 21 23 54 32 1
p4 32 34 54 12 1
p5 4

same procedure proceed till all the process executed
all processess completed