**SJF**

**Testcase 1:**

Input:

5  
1 0 12

2 2 7

3 5 8

4 12 6

5 9 3

Output

Start[ ]= { 0, 21, 28, 15, 12 }

Fisnish[ ] ={12, 28, 36, 21, 15}

Rt[ ]={ 0, 19, 23, 3, 3 }

* Avert= 9.6

Wt[ ]={ 0, 19, 23, 3, 3 }

* Avewt= 9.6

Tat [ ]={ 12,26, 31, 9, 6 }

* Avert= 16.8

**Testcase 2**

Input:

5  
1 0 13

2 4 9

3 6 4

4 7 18

5 12 10

Output

Start[ ]= { 0, 17, 13, 36, 26 }

Fisnish[ ] ={13,26,17, 54, 36}

Rt[ ]={ 0, 13,7, 29, 14 }

* Avert= 12.6

Wt[ ]={ 0, 13,7, 29, 14 }

* Avert= 12.6

Tat [ ]={ 13, 22, 11, 47, 24 }

* Avert= 23.4

**Testcase 3**

Input:

5  
1 0 8

2 0 5

3 2 6

4 2 8

5 4 7

Output

Start[ ]= { 18, 0, 5, 26, 11}

Fisnish[ ] ={26, 5, 11 , 34, 18 }

Rt[ ]={ 18, 0, 3, 24, 7 }

* Avert= 10.4

Wt[ ]={ 18, 0, 3, 24, 7 }

* Avert= 10.4

Tat [ ]={ 26, 5, 9, 32, 14}

* Avert= 17.2

**SRTF:**

**Testcase 1:**

Input:

5  
1 0 12

2 0 7

3 5 8

4 9 3

5 12 6

Output

Start[ ]= { 24, 0, 7, 9, 18}

Fisnish[ ] ={36, 7, 18, 12, 24}

Rt[ ]={ 24, 0, 2, 0, 6 }

* Avert= 6.4

Wt[ ]={ 24, 0, 5, 0,6 }

* Avewt= 7

Tat [ ]={ 36,7, 13, 3, 12 }

* Avert= 14.2

**Testcase 2**

Input:

5  
1 0 13

2 4 9

3 6 4

4 7 18

5 12 10

Output

Start[ ]= { 0, 17, 6, 36, 26 }

Fisnish[ ] ={17,26,10, 54, 36}

Rt[ ]={ 0, 13,0, 29, 14 }

* Avert= 11.2

Wt[ ]={ 4, 13,0, 29, 14 }

* Avert= 12

Tat [ ]={ 17, 22, 4, 47, 24 }

* Avert= 22.8

**Testcase 3**

Input:

5

1 0 8

2 2 5

3 3 6

4 5 4

5 7 9

Output:

Start[ ]= [0,2,17,7,23]

Finish[ ]= [17,7,23,11,32]

Rt[ ]= [0,0,14,2,16] avert=6.4

Wt[ ]= [9,0,14,2,16] averwt=8.2

Tat[ ]= [17,5,20,6,25] avertat=14.6

**RR:**

**Testcase 1:**

Input:

5  
1 0 11

2 6 4

3 2 8

4 5 16

5 11 6

7

Output

Start[ ]= { 0, 21, 7, 14, 29 }

Fisnish[ ] ={29,25,36,45,35}

Rt[ ]={ 0, 15, 5, 9, 18 }

* Avert= 9.4

Wt[ ]={ 18,15,26,24,18 }

* Avewt= 20.2

Tat [ ]={ 29,19,34,40,24 }

* Avetat= 29.2

**Testcase 2**

Input:

5   
1 0 12

2 3 14

3 7 9

4 5 6

5 14 15

6

Output

Start[ ]= {0,6,24,12,36}

Fisnish[ ] ={24,47,45,18,56}

Rt[ ]={0,3,17,7,22}

* Avert= 9.8

Wt[ ]={ 12,30,29, 7, 27 }

* Avewt= 21

Tat [ ]={ 24,44,38,13,42}

* Avetat= 32.2

**Testcase 3**

Input:

5   
1 0 5

2 1 3

3 2 1

4 3 2

5 4 3

2

Output

Start[ ]= {0,2,4,7,9}

Fisnish[ ] ={13,12,5,9, 14}

Rt[ ]={0,1,2,4,5}

* Avert= 2.4

Wt[ ]={8,8,2,4,7}

* Avewt=5.8

Tat [ ]={13,11,3,6,10}

* Avetat= 8.6