

GULZHAR AHAMAD VM  
ECE-B  
240801090

```
2 |  
3 | int main()  
4 |  
5 | {  
6 |   int arr[3][3];  
7 |   for(int i=0;i<3;i++)  
8 |   {  
9 |     for(int j=0;j<3;j++)  
10 |    {  
11 |      scanf("%d",&arr[i][j]);  
12 |    }  
13 |  }  
14 |  int odd=0,even=0;  
15 |  for(int i=0;i<3;i++)
```

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```
16 | {  
17 | for(int j=0;j<3;j++)  
18 | {  
19 | if((i+j)%2!=0)  
20 | odd+=arr[i][j];  
21 | else  
22 | even+=arr[i][j];  
23 | }  
24 | }  
25 | printf("%d\n%d",even,odd);  
26 | }
```

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	Input	Expected	Got	
✓	1 2 3 4 5 6 7 8 9	25 20	25 20	✓
✓	21 422 423 443 586 645 657 846 904	2591 2356	2591 2356	✓

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```
2
3 struct data
4
5 {
6 int gen;int tal;
7 };
8 int main()
9 {
10 int n;
11 scanf("%d",&n);
12 struct data a[n];
13 for(int i=0;i<n;i++)
14 scanf("%d %d",&a[i].gen,&a[i].tal);
15 for(int i=0;i<n-1;i++)
16 r
```

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```
16 ▾ {  
17   for(int j=0;j<n-i-1;++j)  
18   {  
19     if(a[j].tal<a[j+1].tal)  
20     {  
21       struct data temp=a[j];  
22       a[j]=a[j+1];  
23       a[j+1]=temp;  
24     }  
25   }  
26 }  
27 for(int i=0;i<n;i++)  
28 {  
29   if(a[i].gen==0)  
30   printf("%d ",a[i].tal);}  
31 for(int i=0;i<n;++i)
```

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```
31 for(int i=0;i<n;++i)
32
33 {
34
35 if(a[i].gen==1)
36 printf("%d ",a[i].tal);
37 }
38 }
```

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	Input	Expected	Got
✓	5 0 3 1 6 0 2 0 7 1 15	7 3 2 15 6	7 3 2 15 6
✓	6 0 1 0 26 0 39 0 37 0 7	39 37 26 13 7 1	39 37 26 13 7 1

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	0 3 / 0 7 0 13		
✓	12 1 12 1 14 1 18 1 1 1 2 1 3 1 5 1 8 1 9 1 10	31 29 18 14 12 10 9 8 5 3 2 1	31 29 18 14 12 10 9 8 5 3 2 1



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[illegible]

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Q. No.		Ans.	
1	12		
0	12		
1	12		
0	12		
0	12		
1	12		
0	12		
1	12		
1	12		
0	12		
1	12		

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```
2 |  
3 | int main()  
4 |  
5 | {  
6 | int i,j,n,x1,x2,y1,y2,t=0;  
7 | long long total=0;  
8 | int arr[1001][1001]={0};  
9 | scanf("%d",&n);  
10 | while(n--)  
11 | {  
12 | scanf("%d %d %d %d %d",&x1,&y1,&x2,&y2,&t);  
13 | for(i=x1;i<=x2;i++)  
14 | {  
15 | for(j=y1;j<=y2;j++)  
16 | }
```

```
16 ▾ {  
17   if(arr[i][j]==0)  
18     arr[i][j]+=t;  
19   else if(arr[i][j]>0)  
20     arr[i][j]=(-1)*(arr[i][j]+t);  
21   else if(arr[i][j]<0)  
22     arr[i][j]-=t;  
23   }  
24 }  
25 }  
26 for(i=1;i<1001;i++)  
27 ▾ {  
28   for(j=1;j<1001;j++)  
29     -
```

```
28     for (j=1, j<1001, j++)
29     {
30         if(arr[i][j]<0)
31             total+=arr[i][j];
32     }
33 }
34 printf("%lld\n", (-1)*total);
35 return 0;
36 }
```

	Input	Expected	Got	
✓	3 1 4 4 6 1 4 3 6 6 2 2 2 5 4 3	35	35	✓
✓	1 48 12 49 27 8	0	0	✓
✓	3 88 34 99 76 44 82 65 94 100 81 58 16 65 66 7	10500	10500	✓