

```
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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	1 10 0 29 0 31		
✓	12 0 12 1 12 0 12 1 12 0 12 0 12 1 12 0 12 1 12	12 12 12 12 12 12 12 12 12 12 12 12 12	12 12 12 12 12 12 12 12 12 12 12 12 1

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	0	12
	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 | {

```

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```
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     -
```

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```
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 }
```

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	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	✓

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