Week 09

123456789

SAMPLE OUTPUT

25

20

Answer: (penalty regime: 0 %)

```c
#include <stdio.h>
int main ()
{
    int arr[3][3];
    for(int i=0;i<3;i++)
    {
        for(int j=0;j<3;j++)
        {
            scanf("%d",&arr [i][j]);
        }
    }
    int odd=0,even=0;
    for(int i=0; i<3;i++)
    {
        for(int j=0; j<3;j++)
        {
            if((i+j)%2!=0)
            odd+=arr[i][j];
            else
            even+=arr[i][j];
        }
    }
    printf("%d\n%d",even,odd);
}
```

	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	✓

Passed all tests! ✓

```c
 2  struct data
 3  {
 4      int gen; int tal;
 5
 6  };
 7  int main ()
 8  {
 9      int n;
10      scanf("%d",&n);
11      struct data a[n];
12      for( int i=0;i<n;i++)
13      scanf("%d %d",&a[i].gen,&a[i].tal);
14      for(int i=0;i<n-1;++i)
15      {
16          for(int j=0;j<n-i-1;++j)
17          {
18              if(a[j].tal <a[j+1].tal)
19              {
20                  struct data temp=a[j];
21                  a[j]=a[j+1];
22                  a[j+1]=temp;
23              }
24          }
25      }
26      for (int i=0;i<n;i++)
27      {
28          if(a[i].gen==0)
29          printf("%d ",a[i].tal);
30      }
31      for (int i=0;i<n;++i)
32      {
33          if(a[i].gen==1)
34          printf("%d ",a[i].tal);
35      }
36  }
```

	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 0 13	39 37 26 13 7 1	39 37 26 13 7 1	✓
✓	12 1 12 1 14 1 18 1 1	31 29 18 14 12 10 9 8 5 3 2 1	31 29 18 14 12 10 9 8 5 3 2 1	✓

Answer: (penalty regime: 0 %)

```c
1  #include<stdio.h>
2  int main ()
3  {
4      int i,j,n,x1,x2,y1,y2,t=0;
5      long long total=0;
6      int arr[1001][1001]={0};
7      scanf("%d",&n);
8      while(n--)
9      {
10         scanf("%d  %d %d %d %d",&x1,&y1,&x2,&y2,&t);
11         for(i=x1;i<=x2;i++)
12         {
13             for (j=y1;j<=y2;j++)
14             {
15                 if(arr[i][j]==0)
16                 arr[i][j]+=t;
17                 else if(arr[i][j]>0)
18                 arr[i][j]=(-1)*(arr[i][j]+t);
19                 else if (arr[i][j]<0)
20                 arr [i][j]-=t;
21             }
22         }
23     }
24     for(i=1;i<1001;i++)
25     {
26         for(j=1;j<1001;j++)
27         {
28             if(arr[i][j]<0)
29             total+=arr[i][j];
30         }
31     }
32     printf("%lld\n",(-1)*total);
33     return 0;
34 }
```

	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	✓

Passed all tests! ✓