

```

1 #include<stdio.h>
2 int main()
3 { int arr[3][3];
4   for(int i=0;i<3;i++)
5   { for (int j=0;j<3;j++)
6     { scanf("%d",&arr[i][j]);}
7   }
8   int odd=0,even=0;
9   for (int i=0;i<3;i++)
10  { for (int j=0;j<3;j++)
11    { if ((i+j)%2!=0)
12      odd+=arr[i][j];
13      else
14        even+=arr[i][j];
15    }
16  }
17  printf("%d\n%d",even,odd);
18 }

```

| | 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! ✓

```

1 #include<stdio.h>
2 struct data
3 { int gen; int tal;
4 };
5 int main()
6 { int n;
7   scanf("%d",&n);
8   struct data a[n];
9   for (int i=0;i<n;i++)
10  { scanf("%d %d",&a[i].gen,&a[i].tal);
11    for (int i=0;i<n-1;i++)
12    { for (int j=0;j<n-1-i;j++)
13      { if (a[j].tal<a[j+1].tal)
14        { struct data temp=a[j];
15          a[j]=a[j+1];
16          a[j+1]=temp;}}}
17    for (int i=0;i<n;i++)
18    { if (a[i].gen==0)
19      printf("%d ",a[i].tal);
20    }
21    for (int i=0;i<n;i++)
22    { if (a[i].gen==1)
23      printf("%d ",a[i].tal);}}

```

| | 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 1 2 1 3 1 5 1 8 1 9 1 10 0 29 0 31 | 31 29 18 14 12 10 9 8 5 3 2 1 | 31 29 18 14 12 10 9 8 5 3 2 1 | ✓ |
| ✓ | 12 0 12 1 12 0 12 1 12 0 12 1 12 0 12 1 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 | ✓ |

```

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

```

| | 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! ✓