

```

1  #include<stdio.h>
2  int main()
3  {
4      int arr[3][3];
5      for(int i=0;i<3;i++)
6      {
7          for(int j=0;j<3;j++)
8          {
9              scanf("%d",&arr[i][j]);
10             }
11         }
12         int odd=0,even=0;
13         for(int i=0;i<3;i++)
14         {
15             for(int j=0;j<3;j++)
16             {
17                 if((i+j)%2!=0)
18                     odd+=arr[i][j];
19                 else
20                     even+=arr[i][j];
21             }
22         }
23         printf("%d\n%d",even,odd);
24     }

```

	Input
✓	1 2 3 4 5 6 7 8 9
✓	21 422 423 443 586 645 657 846

Passed all tests! ✓

```

1  #include<stdio.h>
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,
14     for(int i=0;i<n-1;i++)
15     {
16         for(int j=0;j<n-i-1;
17         {
18             if(a[j].tal<a[j+
19             {
20                 struct data
21                 a[j]=a[j+1];
22                 a[j+1]=temp;
23
24             }
25         }
26     }
27     for(int i=0;i<n;i++)
28     {
29         if(a[i].gen==0)
30             printf("%d ",a[i].ta
31     }
32     for(int i=0;i<n;++i)
33     {
34         if(a[i].gen==1)
35         printf("%d ",a[i].ta

```

```

17
18         if(a[j].tal<a[j+
19     {
20         struct data
21         a[j]=a[j+1];
22         a[j+1]=temp;
23
24     }
25 }
26 }
27 for(int i=0;i<n;i++)
28 {
29     if(a[i].gen==0)
30     printf("%d ",a[i].ta
31 }
32 for(int i=0;i<n;++i)
33 {
34     if(a[i].gen==1)
35     printf("%d ",a[i].ta
36 }
37 }

```

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

**Answer:** (penalty regime: 0 %)

```
1  #include<stdio.h>
2  int main()
3  {
4      int i,j,n,x1,x2,y1,y2,t=
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 %d",&x1,&x2,&y1,&y2,&t,&total);
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]-=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             else if(arr[i][j]>0)
31                 total-=arr[i][j];
32         }
33     }
34     printf("%lld\n",(-1)*total);
35     return 0;
36 }
```

```

27     {
28         if(arr[i][j]<0)
29             total+=arr[i][j]
30     }
31 }
32 printf("%lld\n",(-1)*tot
33 return 0;
34 }
35

```

	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	1050

Passed all tests! ✓

```

1  #include<stdio.h>
2  int main()
3  {
4      char str[1000];
5      scanf("%s",str);
6      int hash[10]={0,0,0,0,0,
7      int temp;
8      for(int i=0;str[i]!='\0'
9      {
10         temp=str[i]-'0';
11         if(temp<=9&&temp>=0)
12         {
13             hash[temp]++;
14         }
15     }
16     for(int i=0;i<=9;i++)
17     {
18         printf("%d ",hash[i]
19     }
20     return 0;
21 }

```

	Input	Expected
✓	a11472o5t6	0 2 1 0 1
✓	lw4n88j12n1	0 2 1 0 1
✓	1v88886l256338ar0ekk	1 1 1 2 0

Passed all tests! ✓



```

1  #include<stdio.h>
2  int main()
3  {
4      int t;
5      scanf("%d",&t);
6      while(t--)
7      {
8          char str[100000];
9          int count=0;
10         scanf("%s",str);
11         for(int i=0;str[i]!=
12         {
13             char c= str[i];
14             if((c=='a')||(c=
15                 count++;
16         }
17         printf("%d\n",count)
18     }
19     return 0;
20 }

```

	Input	Expected	Got	
✓	2 nBBZLaosnm JHkIsnZtTL	2 1	2 1	✓
✓	2 nBBZLaosnm JHkIsnZtTL	2 1	2 1	✓

Passed all tests! ✓

```

1  #include<stdio.h>
2  int main()
3  {
4      char s[1000];
5      scanf("%[^\n]s",s);
6      for(int i=0;s[i]!='\0';i++)
7      {
8          if (s[i]!=' ')
9              printf("%c",s[i]);
10         else
11             printf("\n");
12     }
13     return 0;
14 }

```

	Input	Expected	Got
✓	This is C	This is C	This is C
✓	Learning C is fun	Learning C is fun	Learning C is fun

Passed all tests! ✓



```

1 //include <stdio.h>
2 int main()
3 {
4     char str1[10],str2[10],t
5     int i=0,j=0;
6     int count1=0,count2=0;
7     scanf("%s",str1);
8     scanf("%s",str2);
9     while(str1[i]!='\0')
10 {
11     count1++;
12     i++;
13 }
14 while(str2[j]!='\0')
15 {
16     count2++;
17     j++;
18 }
19 printf("%d %d\n",count1,
20 printf("%s%s\n",str1,str
21 t=str1[0];
22 str1[0]=str2[0];
23 str2[0]=t;
24 printf("%s %s",str1,str2
25 return 0;
26 }

```

	Input	Expected	Got	
✓	abcd ef	4 2 abcdef ebcd af	4 2 abcdef ebcd af	✓

Passed all tests! ✓