

```

1  #include<stdio.h>
2  int main()
3  {
4      int T,i=0,n,t;
5      scanf("%d",&T);
6      while(i<T)
7      {
8          scanf("%d",&n);
9          t=n/4;
10         if(t%2==0 && n%2==0)
11         {
12             printf("No\n");
13         }
14         else if(t%2==1 && n%2==1)
15         {
16             printf("No\n");
17         }
18         else
19         {
20             printf("Yes\n");
21         }
22         i++;
23     }
24     return 0;
25 }

```

	Input	Expected	Got	
✓	3	Yes	Yes	✓
	1	Yes	Yes	
	6	No	No	
	7			

Passed all tests! ✓

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     int a,b,n=0;
5     scanf("%d",&a);
6     while(a>0)
7     {
8         b=a%10;
9         if(b==0 || b==6 || b==9 || b==4)
10        {
11            n=n+1;
12        }
13        else if(b==8)
14        {
15            n=n+2;
16        }
17        a=a/10;
18    }
19    printf("%d",n);
20    return 0;
21 }
```

	Input	Expected	Got	
✓	630	2	2	✓
✓	1288	4	4	✓

Passed all tests! ✓

```

1 #include<stdio.h>
2 int main()
3 {
4     int n,r=0;
5     scanf("%d",&n);
6     while(n!=0)
7     {
8         n=n/2;
9         r=r+1;
10    }
11    printf("%d",r);
12    return 0;
13 }

```

	Input	Expected	Got	
✓	10	4	4	✓
✓	5	3	3	✓
✓	20	5	5	✓
✓	500	9	9	✓
✓	1000	10	10	✓

Passed all tests! ✓

```

1 #include<stdio.h>
2 int main()
3 {
4     int n,x=0;
5     while(scanf("%d",&n)==1){
6         if(n%2!=0){
7             x++;
8         }
9     }
10    printf("%d",x);
11    return 0;
12 }

```

	Input	Expected	Got	
✓	5 10 15 20 25 30 35 40 45 50	5	5	✓

Passed all tests! ✓

```

1  #include<stdio.h>
2  int main()
3  {
4      int n,x,y=1;
5      scanf("%d",&n);
6      while(n!=0 && y==1)
7      {
8          x=n%10;
9          n=n/10;
10         if(x==2 || x==3 || x==4 || x==7)
11         {
12             y++;
13         }
14     }
15     if(y==1)
16     {
17         printf("true");
18     }
19     else
20     {
21         printf("false");
22     }
23     return 0;
24 }

```

	Input	Expected	Got	
✓	6	true	true	✓
✓	89	true	true	✓
✓	25	false	false	✓

Passed all tests! ✓

```

1 #include<stdio.h>
2 int main()
3 {
4     long long int n,f,i,nuf=0;
5     scanf("%lld %lld",&n,&f);
6     for(i=1;i<=n;i++){
7         nuf=nuf+i;
8         if(nuf==f){
9             nuf=nuf-1;
10        }
11    }
12    printf("%lld",nuf%1000000007);
13    return 0;
14 }

```

	Input	Expected	Got	
✓	2 2	3	3	✓
✓	2 1	2	2	✓
✓	3 3	5	5	✓

Passed all tests! ✓