



Answer: (penalty regime: 0 %)

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

	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 count_holes(int num)
3 {
4     int holes_count=0;
5     while(num>0)
6     {
7         int digit=num%10;
8         switch(digit)
9         {
10             case 0:
11             case 4:
12             case 6:
13             case 9:
14                 holes_count+=1;
15                 break;
16             case 8:
17                 holes_count+=2;
18                 break;
19         }
20         num/=10;
21     }
22     return holes_count;
23 }
24 int main()
25 {
26     int num;
27     scanf("%d",&num);
28     int result = count_holes(num);
29     printf("%d\n",result);
30     return 0;
31 }
```

	Input	Expected	Got	
✓	630	2	2	✓

Answer: (penalty regime: 0 %)

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



Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     int num,odd=0;
5     while(scanf("%d",&num)>0)
6     {
7         if(num%2==1)
8         {
9             odd++;
10        }
11    }
12    printf("%d",odd);
13    return 0;
14 }
```

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

Passed all tests! ✓

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     int a,rem,flag=0,c=0,s=0,
5     scanf("%d",&a);
6     b=a;
7     while(a)
8     {
9         rem=a%10;
10        if(rem==1 || rem==6 || re
11        flag++;
12        s=s*10+rem;
13        a=a/10;
14        c++;
15    }
16    if(flag==c)
17    {
18        if(s!=b || c==1)
19        {
20            printf("true");
21        }
22    }
23    else
24    {
25        printf("false");
26    }
27    return 0;
28 }
```

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

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     long long n,k,sum;
5     scanf("%lld %lld",&n,&k);
6     sum=0;
7     for(long long i=1;i<=n;i++)
8     {
9         sum+=i;
10        if(sum==k)
11        {
12            sum-=1;
13        }
14    }
15    printf("%lld",sum%1000000);
16    return 0;
17 }
```

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

Passed all tests! ✓