

```

1  #include<stdio.h>
2  int main()
3  {
4      int T,i=0,n,t;
5      scanf("%d",&n);
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 }
25

```

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

Answer: (penalty regime: 0 %)

```
1 <stdio.h>
2 ( )
3
4 a,b,n=0;
5 f("%d",&a);
6 e(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
21
```

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

Passed all test cases ✓

```

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

```

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

Answer: (penalty regime: 0 %)

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

	Input
✓	5 10 15 20 25 30 35 40 45 5

Passed all tests! ✓

Question **2**

Answer: (penalty regime: 0 %)

```
1  #include<stdio.h>
2  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
11     {
12         y++;
13     }
14
15     }
16     if(y==1)
17     {
18         printf("true");
19     }
20     else
21     {
22         printf("false");
23     }
24
25
26 }
27
```

	Input	Expected	Got	
✓	6	true	true	✓

$2 + 3 = 5$, is the best case for maximum nutrients.

Answer: (penalty regime: 0 %)

```
1  #include<stdio.h>
2  int main()
3  {
4      long int n,t,i,nut=0;
5      scanf("%ld %ld",&n,&t);
6      for(i=1;i<=n;i++)
7      {
8          nut=nut+i;
9          if(nut==t)
10         {
11             nut=nut-1;
12         }
13     }
14     printf("%ld",nut%100);
15
16 }
```

	Input	Expected	Got	
✓	2	3	3	✓
	2			