Week 04-1

Output

Yes

Yes

No

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main ()
{
    int t;
    scanf("%d",&t);
    while (t--)
    {
        int n,r;
        scanf("%d",&n);
        r=n/4;
        if((r%2==0&&n%2==1)||(r%2==1&&n%2==0))
    {
        printf("Yes\n");
    }
    else
    {
        printf("No\n");
    }
    }
}
```

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

Passed all tests! ✓

Add the holes count for each digit, 1, 2, 8, 8. Return 0 + 0 + 2 + 2 = 4.

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main()
{
    int n,digit;
    scanf("%d",&n);
    int s=0;
    while (n!=0)
    {
        digit=n%10;
        if(digit==8)
        {
            s+=2;
        }
        else if ((digit==9)||(digit==0||digit==6))
        {
            s+=1;
        }
        n/=10;
    }
    printf("%d",s);
}
```

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

Passed all tests! ✓

ccording to Manish {$1, $2, $3, $4, $5} must be distributed.

ut as per Manisha only {$1, $2, $3} coins are enough to purchase any item ranging from $1 to $5. Hence minimum is 3. Likewise, denominations could a

nswer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main()
{
    int n;
    scanf("%d",&n);
    int c=0;
    while (n>0)
    {
        c++;
        n/=2;
    }
    printf("%d",c);
}
```

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

Passed all tests! ✓