```c
#include<stdio.h>
int main()
{
    int num,sum=0,rem;
    scanf("%d",&num);
    while(num>0)
    {
        rem=num%10;
        if(rem==0||rem==4||rem==6||rem==9)
        sum=sum+1;
        else if(rem==8)
        sum=sum+2;
        num=num/10;
    }
    printf("%d",sum);
    return 0;
}
```

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

```c
#include<stdio.h>
int main()
{
    int n;
    scanf("%d",&n);
    while(n>=0)
    {
        printf("You entered: %d\n",n);
        scanf("%d",&n);
    }
    return 0;
}
```

```c
#include<stdio.h>
int main()
{
    int num,count=0;
    char ch;
    do
    {
        scanf("%d",&num);
        if (num%2==1)
        count++;
        scanf("%c",&ch);
    }
    while(ch!='\n');
    printf("%d",count);
    return 0;
}
```

```c
#include<stdio.h>
int main()
{
    int num,temp,rem,rev=0,flag=1;
    scanf("%d",&num);
    temp=num;
    while(num>0)
    {
        rem=num%10;
        if(rem==2||rem==3||rem==4||rem==5||rem==7)
        flag=0;
        else if(rem==6)
        rem=9;
        else if(rem==9)
        rem=6;
        rev=rev*10+rem;
        num=num/10;
    }
```

```c
    if(flag==0)
    printf("false");
    else if(rev!=temp)
    printf("true");
    else
    printf("false");
    return 0;
}
```

```c
#include<stdio.h>
int main()
{
    int num,pos=0,neg=0;
    while(scanf("%d",&num)==1)
    {
        if(num>=0)
        pos++;
        else if(num<0)
        neg++;
    }
    printf("Positive numbers count: %d\n",pos);
    printf("Negative numbers count: %d\n",neg);
}
```