```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;
    while (1){
        scanf("%d",&n);
        if (n>=0){
            printf("You entered: %d\n",n);
        }
        else{
            break;
        }
    }
    return 0;
}
```

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

}
```

```c
#include <stdio.h>
int main(){
    int n;
    while(1){
        if(scanf("%d",&n)!=1){
            break;
        }
        if(n==-1){
            break;
        }
        int temp=n,rotated=0,isinvalid=0;
        if (n==0){
            printf("false");
            continue;
        }
        while(temp>0){
            int digit=temp%10;
            int mapped;
            switch(digit){
                case 0:
                mapped=0;
                break;
                case 1:
                mapped=1;
                break;
                case 6:
                mapped=9;
                break;
                case 8:
                mapped=8;
                break;
                case 9:
                mapped=6;
                break;
                default:
                isinvalid=1;
                break;

            }
            if(isinvalid){
                break;
            }
            rotated=rotated*10+mapped;
            temp/=10;
        }
        if(isinvalid||rotated==n){
            printf("false");
        }
        else{
            printf("true");
        }
    }
}
```

```c
#include <stdio.h>
int main(){
    int temp,postivecount=0,negativecount=0;
    while(1){
        if(scanf("%d",&temp)!=1){
            break;
        }

        if(temp>=0){
            postivecount++;
        }
        if(temp<0){
            negativecount++;
        }
    }
    printf("Positive numbers count: %d\n",postivecount);
    printf("Negative numbers count: %d",negativecount);
}
```