

Even/Odd Number:

```
#include<stdio.h>
void main(){
int num;
printf("Enter the number:");
scanf("%d",&num);
if(num%2==0)
    printf("\n%d is even number",num);
else
    printf("\n%d is odd number",num);
}
```

Largest of 3 Numbers:

```
#include<stdio.h>
void main(){
int a,b,c;
printf("Enter three numbers:");
scanf("%d%d%d",&a,&b,&c);
if(a>b && a>c)
    printf("largest=%d", a);
else if (b>a && b>c)
    printf("largest=%d", b);
else
    printf("largest=%d", c);
}
```

Largest of 3 Numbers using Nested if-else:

```
#include<stdio.h>
void main(){
int a,b,c;
printf("Enter three integers:");
scanf("%d%d%d",&a,&b,&c);
if(a>b){
    if(a>c)
        printf("a is the biggest");
    else
        printf("c is biggest");
}
else {
    if(b>c)
        printf("b is biggest");
    else
        printf("c is biggest");
}
}
```

To find character is an alphabet:

```
#include<stdio.h>
void main(){
char c;
printf("Enter a character:");
scanf("%c",&c);
if((c>='a' && c<='z') || (c>='A' && c<='Z'))
    printf("%c is an alphabet",c);
else
    printf("%c is not an alphabet",c);
}
```

Month Name:

```
#include<stdio.h>
void main(){
int month;
printf("Enter a month number:");
scanf("%d",&month);
switch(month){
```

```
case 1:printf("January"); break;
case 2:printf("February"); break;
case 3:printf("March"); break;
case 4:printf("April"); break;
case 5:printf("May"); break;
case 6:printf("June"); break;
case 7:printf("July"); break;
case 8:printf("August"); break;
case 9:printf("September"); break;
case 10:printf("October"); break;
case 11:printf("November"); break;
case 12:printf("December"); break;
default: printf("Invalid number");
}
}
```

Sum of n numbers:

```
#include<stdio.h>
void main(){
int n,i,sum=0;
printf("Enter the value of n:");
scanf("%d",&n);
for(i=1;i<=n;i++)
    sum=sum+i;
printf("Sum of n numbers: %d",sum);
}
```

To count no. of digits:

```
#include<stdio.h>
void main(){
int n,count=0;
printf("Enter number:");
scanf("%d",&n);
while(n!=0){
    count++;
    n=n/10;
}
}
```

Factors of a number:

```
#include<stdio.h>
void main(){
int n,i;
printf("Enter a number:");
scanf("%d",&n);
printf("Factors are:\n");
i=2;
while(i<=n-1){
    if(n%i==0)
        printf("%d\n",i);
    i++;
}
}
```

Multiplication Table:

```
#include <stdio.h>
void main(){
int n,i,j;
printf("Enter an integer:");
scanf("%d",&n);
for(i=1;i<=n;i++){
    for(j=1;j<=10;j++){
        printf("%d\t", i*j);
    }
    printf("\n");
}
```