

IF-ELSE PROGRAMS

C Program to display a number if it is positive

```
#include<stdio.h>
#include<conio.h>
int main()
{
    clrscr();
    int number;
    printf("Enter an integer: ");
    scanf("%d", &number);
    if (number>0)
        printf("The value is negative");
    return 0;
}
```

C PROGRAM to find the larger of two numbers

```
#include<stdio.h>
#include<conio.h>
int main()
{
    clrscr();
    int num1, num2;
    printf("Enter Two Numbers");
    scanf("%d %d",&num1,&num2);
    if(num1 > num2)
    {
        printf("%d is greater",num1);
    }
    else
    {
        printf("%d is greater",num2);
    }
    return 0;
}
```

C PROGRAM to find whether the given number is even or odd

```
#include<stdio.h>
#include<conio.h>
int main()
{
```

```

clrscr();
int num;
printf("Enter an integer: ");
scanf("%d", &num);
if(num % 2 == 0)
    printf("%d is even.", num);
else
    printf("%d is odd.", num);
return 0;
}

```

C PROGRAM to find greater of three numbers using Nested If-else

```

#include<stdio.h>
#include<conio.h>
int main()
{
    clrscr();
    int num1, num2, num3;
    printf("Enter Three Numbers");
    scanf("%d %d %d", &num1, &num2, &num3);
    if(num1 > num2)
    {
        if(num1 > num3)
            printf("num1 is greater %d", num1);
        }
    else
    {
        if(num2 > num3)
            printf("num2 is greater %d", num2);
        else
            printf("num3 is greater %d", num3);
        }
    return 0;
}

```

C Program to Check no. is +ve, -ve & zero.

```

#include<stdio.h>
#include<conio.h>
void main()
{
    int no;
    clrscr();
    printf("Enter the no :");
    scanf("%d", &a);
    if(no > 0)
    {
        printf("no is Positive");
    }
}

```

```

    }
else if(no==0)
{
    printf("no is Zero");
}
else
{
    printf("no is Nagative");
}
    getch();
}

```

C PROGRAM to Make a Simple Calculator Using switch...case

```

#include<stdio.h>
#include<conio.h>
int main()
{
clrscr();
int num1,num2;
float result;
char ch;

printf("Enter first number: ");
scanf("%d",&num1);
printf("Enter second number: ");
scanf("%d",&num2);

printf("Choose operation to perform (+,-,*,/,%): ");
scanf(" %c",&ch);

result=0;
switch(ch)
{
    case '+':
        result=num1+num2;
        break;

    case '-':
        result=num1-num2;
        break;

    case '*':
        result=num1*num2;
        break;

    case '/':
        result=(float)num1/(float)num2;
        break;
}

```

```
    case '%':
        result=num1%num2;
        break;
    default:
        printf("Invalid operation.\n");
}

printf("Result is: %d %c %d = %f\n",num1,ch,num2,result);
return 0;
}
```