

1. Write a C program to find maximum between two numbers using conditional operator.
2. Write a C program to find maximum between three numbers using conditional operator.
3. Write a C program to check whether a number is even or odd using conditional operator.
4. Write a C program to check whether year is leap year or not using conditional operator.
5. Write a C program to check whether character is an alphabet or not using conditional operator.

Rewrite the following programs using conditional operators.

(a) main()

```
{  
  
    int  x, min, max ;  
  
    scanf ( "\n%d %d", &max, &x ) ;  
  
    if ( x > max )  
        max = x ;  
  
    else  
        min = x ;  
  
}
```

(b) main()

```
{  
  
    int  code ;  
  
    scanf ( "%d", &code ) ;
```

```
if ( code > 1 )
    printf ( "\nJerusalem" ) ;
else
    if ( code < 1 )
        printf ( "\nEddie" ) ;
    else
        printf ( "\nC Brain" ) ;
}
```

```
(c) main( )
{
    float sal ;
    printf ("Enter the salary" ) ;
    scanf ( "%f", &sal ) ;
    if ( sal < 40000 && sal > 25000 )
        printf ( "Manager" ) ;
    else
        if ( sal < 25000 && sal > 15000 )
            printf ( "Accountant" ) ;
        else
            printf ( "Clerk" ) ;
}
```

Using conditional operators determine:

1. Whether the character entered through the keyboard is a lower case alphabet or not.
2. Whether a character entered through the keyboard is a special symbol or not.
3. Write a program using conditional operators to determine whether a year entered through the keyboard is a leap year or not.
4. Write a program to find the greatest of the three numbers entered through the keyboard using conditional operators.