

- (a) 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.
- (b) Write a program using conditional operators to determine whether a year entered through the keyboard is a leap year or not.

- (c) Write a program to find the greatest of the three numbers entered through the keyboard. Use conditional operators.
- (d) Write a program to receive value of an angle in degrees and check whether sum of squares of sine and cosine of this angle is equal to 1.
- (e) Rewrite the following program using conditional operators.

```
#include <stdio.h>
int main( )
{
    float sal ;

    printf ( "Enter the salary" ) ;
    scanf ( "%f", &sal ) ;
    if ( sal >= 25000 && sal <= 40000 )
        printf ( "Manager\n" ) ;
    else
        if ( sal >= 15000 && sal < 25000 )
            printf ( "Accountant\n" ) ;
        else
            printf ( "Clerk\n" ) ;
    return 0 ;
}
```