**PROGRAM :**

**1.Given two numbers, Swap those two numbers without using temporary variable**

**CODE :**

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

Int num1=10,

num2=20;

int temp;

temp=num1;

num1=num2;

num2=temp;

printf("num1 = %d\nnum2%d",num1,num2);

return 0;

}

1. **Calculate the number of years,weeks and the remaining days for the given total days CODE :**

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

int days=475; int NO\_OF\_COMPLETE\_YEARS=days/365; int NO\_OF\_WEEKS\_LEFTOUT=(days%365)/7; int NO\_OF\_DAYS\_LEFTOUT=(days%365)%7; printf("Number of years:%d",NO\_OF\_COMPLETE\_YEARS);

printf("\nNumber of weeks:%d",NO\_OF\_WEEKS\_LEFTOUT); printf("\nNumber of days:%d",NO\_OF\_DAYS\_LEFTOUT); return 0;

}

1. **Evaluate a polynomial of degree n.**

CODE :

#include <stdio.h>

int main() {

    // Write C code here

    int deg,coeff,x;

    int i;

    int array[20];

    printf("Enter the degree of the polynomial:");

    scanf("%d",&deg);

    printf("\nEnter the coefficient:");

    for (i = 0; i <= deg; i++)

    {

        scanf("%d", &array[i]);

    }

    printf("\nEnter the value of x:");

    scanf("%d",&x);

    int polySum = array[0];

    for (i = 1; i <= deg; i++)

    {

        polySum = polySum \* x + array[i];

    }

    printf("P(%d)",polySum);

    return 0;

}