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

**CODE:**

// Online C compiler to run C program online

#include <stdio.h>

int main() {

int num1=19,num2=5;

int temp;

temp=num1;

num1=num2;

num2=temp;

printf("Num1= %d",num1);

printf("\nNum2= %d",num2);

return 0;

}

**2.  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 Week:%d",NO\_OF\_WEEKS\_LEFTOUT);

printf("\nNumber of Days:%d",NO\_OF\_DAYS\_LEFTOUT);

return 0;

}

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

**CODE:**

// Online C compiler to run C program online

#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;

}