**1). Write a C program to interchange two numbers. (with and without using temporary variable) .**

**CODE 1aa:**

/\*Write a C program to interchange two numbers. (with using temporary variable)\*/

#include <stdio.h>

#include <conio.h>

int main()

{

int a, b, temp;

printf("Enter The First Number :");

scanf("%d", &a);

printf("Enter The Second Number :");

scanf("%d", &b);

temp = b;

b = a;

a = temp;

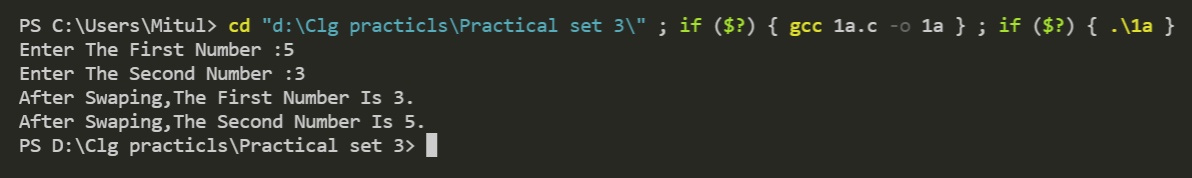
printf("After Swaping,The First Number Is %d.\n", a);

printf("After Swaping,The Second Number Is %d.\n", b);

return 0;

}

**OUTPUT 1a:**

****

**CODE 1b:**

/\*Write a C program to interchange two numbers. (without using temporary variable)\*/

#include <stdio.h>

#include <conio.h>

int main()

{

int a, b;

printf("Enter The First Number :");

scanf("%d", &a);

printf("Enter The Second Number :");

scanf("%d", &b);

a=a-b;

b=a+b;

a=b-a;

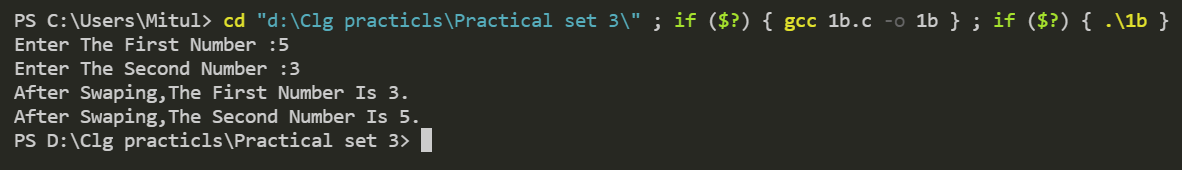
printf("After Swaping,The First Number Is %d.\n", a);

printf("After Swaping,The Second Number Is %d.\n", b);

return 0;

}

**OUTPUT 1b:**



**2). Write a C program to enter a distance in to kilometre and convert it in to meter, feet, inches and centimetre.**

**CODE 2:**

/\*Write a C program to enter a distance in to kilometre and convert it in to meter, feet, inches and

centimetre\*/

#include<stdio.h>

#include<conio.h>

int main()

{

float km,kmtometer,kmtofeet,kmtoinches,kmtocm;

printf("Enter The Distance In To Kilometre : ");

scanf("%f",&km);

kmtometer=1000\*km;

kmtofeet=3280.84\*km;

kmtoinches=39370.1\*km;

kmtocm=100000\*km;

printf("Distance In Meter Is %f\n",kmtometer);

printf("Distance In Feet Is %f\n",kmtofeet);

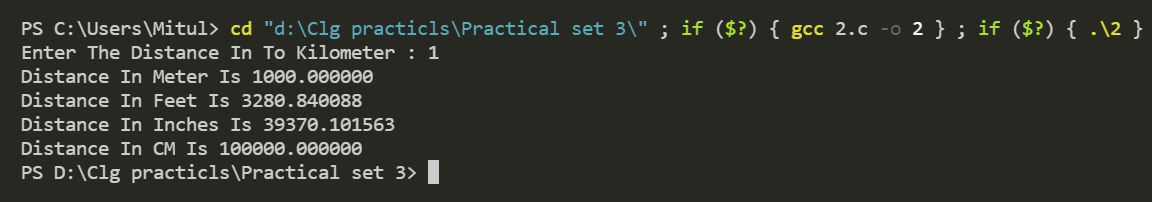
printf("Distance In Inches Is %f\n",kmtoinches);

printf("Distance In CM Is %f\n",kmtocm);

return 0;

}

**OUTPUT 2:**

****

**3). Write a program to compute Fahrenheit from centigrade.**

**(f=1.8\*c +32)**

**CODE 3:**

/\*Write a program to compute Fahrenheit from centigrade (f=1.8\*c +32)\*/

#include <stdio.h>

int main()

{

float f, c;

printf("Enter The Temperature In Centigrade : ");

scanf("%f", &c);

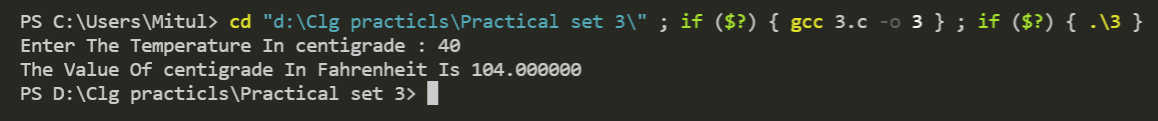
f = (1.8 \* c) + 32;

printf("The Value Of Centigrade In Fahrenheit Is %f", f);

return 0;

}

**OUTPUT 3:**



**4). Write a C program to find out distance travelled by the equation**

**d = ut + at^2**

**CODE 4:**

/\*Write a C program to find out distance travelled by the

equation d = ut + at^2\*/

#include <stdio.h>

int main()

{

float u, t, a, d;

printf("Enter The Value Of Initial Velocity : ");

scanf("%f", &u);

printf("Enter The Value Of Time Duration : ");

scanf("%f", &t);

printf("Enter The Value Of Acceleration : ");

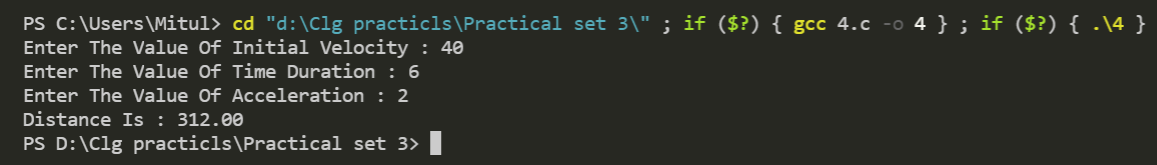
scanf("%f", &a);

d = (u \* t) + (a \* t \* t);

printf("Distance Is : %.2f", d);

return 0;

}

**OUTPUT 4:**

**5) Write a program to demonstrate use of all types of operators.**

**CODE 5:**

/\* Write a program to demonstrate use of all types of operators\*/

#include <stdio.h>

int main()

{

int a = 9,b = 4, c;

printf("The Value Of a=9\n");

printf("The Value Of b=4");

c = a+b;

printf("a+b = %d \n",c);

c = a-b;

printf("a-b = %d \n",c);

c = a\*b;

printf("a\*b = %d \n",c);

c = a/b;

printf("a/b = %d \n",c);

c = a%b;

printf("Remainder when a divided by b = %d \n",c);

return 0;

}

**OUTPUT 5:**