*Index*

1. Write a program to Addition of Two Number
2. Write a program to Addition of Two Number by taking Input from Keyboard
3. Write a program to display Area of Triangle
4. Write a program to display Area of Circle
5. Write a program to display Area of Circle without Height
6. Write a program to Converting C-F and F-C Temperature’s
7. 1+2+3+......+100
8. 1+3+5+.....+N
9. 2+4+6+.....+N
10. 12+22+32+…..+N2
11. 5+10+15+……+N
12. Write a program to find out The Factorial of a Number
13. Write a program of Quadratic Equation

1. //Write a program to Addition of Two Number

#include<stdio.h>

#include<conio.h>

void main()

{

int a = 10, b =12, sum;

clrscr();

sum = a + b;

printf("the Summation : %d and %d", a, b, sum);

getch();

}

2. // Write a program to Addition of Two Number by taking Input from Keyboard

#include<stdio.h>

#include<conio.h>

void main()

{

int a, b, sum;

clrscr();

printf("Enter Two Number : \n");

scanf("%d %d",&a,&b);

sum = a + b;

printf("the Summation : %d and %d", a,b,sum);

getch();

}

3. //Write a program to display Area of Triangle

#include<stdio.h>

#include<conio.h>

void main()

{

int h, b, area;

clrscr();

printf("Enter The Value of Height & Base \n");

scanf("%d %d", &h,&b);

area = 0.5 \* h \* b;

printf("The Area of The Triangle is %d", area);

getch();

}

4. //Write a program to display Area of Circle

#include<stdio.h>  
#include<conio.h>  
#define PI 3.1416  
void main ()  
{

float r , area;

clrscr();  
printf("Enter The Value of Radius = ");  
scanf("%f",&radius);  
area = PI \*(r\*r);  
printf("The Area of Circle is = %f", area);  
getch();

}

5. //Write a program to display Area of Circle without Height

#include<stdio.h>

#include<conio.h>

#include<math.h>

void main()

{

int a, b, c;

float s, area;

clrscr();

printf(" Enter the value of A, B and C \n");

scanf("%d %d %d", &a,&b,&c);

if((a+b>c)&&(b+c>a)&&(c+a>b))

{

s = a + b + c / 2;

area =sqrt(s\*(s-a)\*(s-b)\*(s-c));

printf(" area is %f", area);

}

else

printf("triangle is not possible");

getch();

}

6. //Write a program to Converting C-F and F-C Temperature’s

#include<conio.h>

#include<stdio.h>

void main()

{

float c, f;

clrscr();

printf("Centigrade= : ");

scanf("%f", &c);

f = c \* (9.0/5.0)+32;

printf(" The Fahrenheit Temperature: %f \n", f);

printf("Fahrenheit= : ");

scanf("%f", &f);

c = (5.0/9.0)\*(f-32);

printf(" The Centigrade Temperature= %f", c);

getch();

}

7. //1+2+3+-----------------------+100

#include<stdio.h>

#include<conio.h>

void main()

{

int i, sum = 0;

clrscr();

for (i = 1 ; i <= 100; i++)

{

sum+= i;

}

printf("The Series Summation is : %d", sum);

getch();

}

8. //1+3+5+---------------+N

#include<stdio.h>

#include<conio.h>

void main()

{

int i, n, sum= 0;

clrscr();

printf("Enter The Value of N ");

scanf("%d", &n);

for (i = 1 ; i <= n; i = i + 2)

{

sum += i;

}

printf("The Series Summation is : %d", sum);

getch();

}

9. /\*2+4+6+----------------------+N

#include<stdio.h>

#include<conio.h>

void main()

{

int i, n, sum = 0;

clrscr();

printf("Enter The Value of N ");

scanf("%d",&n);

for (i = 2 ; i <= n ; i = i + 2)

{

sum += i;

}

printf("The Series Summation is : %d", sum);

getch();

}

10. //12+22+32+-----------------+N2

#include<stdio.h>

#include<conio.h>

void main()

{

int i, n, sum = 0;

clrscr();

printf("Enter The Value of N ");

scanf("%d",&n);

for (i = 1 ; i <= n ; i++)

{

sum += i \* i ;

}

printf("The Series Summation is : %d", sum);

getch();

}

11. //5+10+15+------------------------+N

#include<stdio.h>

#include<conio.h>

void main()

{

int i, n, sum = 0;

clrscr();

printf("Enter The Value of N ");

scanf("%d",&n);

for (i = 5 ; i <=n ; i = i + 5)

{

sum += i;

}

printf("The Series Summation is : %d", sum);

getch();

}

12. //Write a program to find out The Factorial of a Number

#include<stdio.h>

#include<conio.h>

void main()

{

int i, n, fact = 1;

clrscr();

printf(" Enter The Value of N ");

scanf("%d",&n);

for(i=1; i<=N; i++)

{

fact = fact\*i;

}

printf(" Factorial Summation is: %d", fact);

getch();

}

13. //Write a program of Quadratic Equation

#include<stdio.h>

#include<conio.h>

#include<math.h>

void main()

{

int a, b, c;

clrscr();

float d, x1, x2;

printf("Enter The Value of A , B and C : \n");

scanf ("%d %d %d", &a, &b, &c);

d = b \* b – 4 \* a \* c;

if(d>=0)

{

x1 = ( -b + sqrt ( d ) ) / 2 \* a;

x2 =( -b – sqrt ( d ) ) / 2 \* a;

printf("X1: %f \nX2: %f ", x1, x2);

}

else

printf("Imaginary Root");

getch();

}