1) // program to print the message.

#include<stdio.h>

#include<conio.h>

void main ()

{

printf (“welcome to c program”);

getch ();

}

2)// program to find sum and average of two numbers.

#include<stdio.h>

#include<conio.h>

void main ()

{

int a, b;

float sum, avg;

clrscr ();

printf (“enter the value of a and b :”);

scanf (“%d%d”, &a, &b);

sum=a+b;

avg=sum/2;

printf (“sum: =%f”, sum);

printf (“\n average: =%f”, avg);

getch ();

}

3) // program to find area and perimeter of rectangle.

#include<stdio.h>

#include<conio.h>

void main ()

{

int l, b;

float area, peri;

clrscr ();

printf (“enter the value of l and b :”);

scanf (“%d%d”, &l, &b);

area=l\*b;

peri=2\*(l+b);

printf (“area: =%f”, area);

printf (“\n perimeter: =%f”, peri);

getch ();

}

4) // program to find area and circumference of circle.

#include<stdio.h>

#include<conio.h>

void main ()

{

int r;

float area, cir;

clrscr ();

printf (“enter the value of r :”);

scanf (“%d”, &r);

area=3.142\*r\*r;cir=2\*3.142\*r;

printf (“area: =%f”, area);

printf (“\n circumference: =%f”, cir);

getch ();

}

5) // program to find maximum of two no’s using conditional operator.

#include<stdio.h>

#include<conio.h>

void main ()

{

int a, b, max;

clrscr ();

printf (“enter the value of a and b :”);

scanf (“%d%d”, &a, &b);

max=(a>b) ? a: b;

printf (“%d= maximum of two no’s”, max);

getch ();

}

6) // program to find even or odd no’s.

#include<stdio.h>

#include<conio.h>

void main ()

{

int a;

clrscr ();

printf (“enter the value of a :”);

scanf (“%d”, &a);

if (a%2==0)

printf (“%d is even”, a);

if (a%2! =0)

printf (“%d is odd”, a);

getch ();

}

7) #include<stdio.h>

#include<conio.h>

void main ()

{

int a, b;

clrscr ();

printf (“enter the value of a and b :”);

scanf (“%d%d”, &a, &b);

if (a>b)

printf (“%d is big”, a);

else

printf (“%d is big”, b);

getch ();

}

8)

// program to find biggest of three no’s.

#include<stdio.h>

#include<conio.h>

void main ()

{

int a, b, c;

clrscr ();

printf (“enter the value of a, b and c :”);

scanf (“%d%d%d”, &a, &b, &c);

if (a>b)

{

if (a>b)

printf (“%d is big”, a);

else

printf (“%d is big”, c);

}

else

{

if (b>c)

printf (“%d is big”, b);

else

printf (“%d is big”, c);

}

getch ();

}

9)

// program to display n natural numbers using do while.

#include<stdio.h>

#include<conio.h>

void main ()

{

int i=1 , n;

clrscr ();

printf (“enter the value of n:”);

scanf (“%d”, &n);

do

{

printf (“%d\n”, i);

i++;

} while (i<=10);

getch ();

}

10)

1. // program to display sum of n natural numbers using do while.

#include<stdio.h>

#include<conio.h>

void main ()

{

int i=1, n, sum=0;

clrscr ();

printf (“enter the value of n:”);

scanf (“%d”, &n);

do

{

printf (“%d\n”, i);

sum=sum+i;

i++;

} while (i<=10);

printf (“sum=%d”, sum);

getch ();

}

11)

// program to generate to print first n fibonacci number.

#include<stdio.h>

#include<conio.h>

#include<math.h>

void main ()

{

int fst=0, snd=1, n, count=2, next;

clrscr ();

printf (“enter the value of n :”);

scanf (“%d”, &n);

printf (“%d\n%d\n”, fst, snd);

while (count<n)

{

next=fst+ snd;

printf (“%d\n”, next);

count++;

fst=snd;

snd=next;

}

getch ();

}

12)

1. // program to find sum & avg of array elements.

#include<stdio.h>

#include<conio.h>

void main ()

{

int a [100], i, n, sum=0, avg=0;

clrscr ();

printf (“enter the value of n :”);

scanf (“%d”, &n);

printf (“enter the elements of array :”);

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

scanf (“%d”, &a[i]);

printf (“elements of array are\n”);

for (i=1; i<=5; i++)

{

sum=sum + a [i];

}

avg= sum/n;

printf (“\n sum=%d”, sum);

printf (“\n average=%d”, avg);

getch ();

}