15. Program to print numbers from n to 1 using Do While loop.

#include<stdio.h>

#include<conio.h>

void main()

{

int i=1, n;

clrscr();

printf("Enter n : ");

scanf("%d", &n);

i=n;

do

{

printf("%d\t",i);

i--;

}while(i>=1);

getch();

}

@C\_Codings

16. Program to print first n even numbers.

#include<stdio.h>

#include<conio.h>

void main()

{

int i=2, n;

//to print odd numbers set variable i=1

clrscr();

printf("Enter n : ");

scanf("%d", &n);

while(i<=n)

{

printf("%d\t",i);

i=i+2;

}

getch();

}

@C\_Codings

17. Program to accept a number and print that number in reverse order.

Ex:- 1024

Output:- 4201

#include<stdio.h>

#include<conio.h>

void main()

{

int reminder, n;

clrscr();

printf("Enter n : ");

scanf("%d", &n);

while(n>0)

{

reminder=n%10;

printf("%d", reminder);

n=n/10;

}

getch();

}

@C\_Codings

18. Program to accept a number and print sum of it’s digits.

#include<stdio.h>

#include<conio.h>

void main()

{

int reminder, sum=0, n;

clrscr();

printf("Enter n : ");

scanf("%d", &n);

while(n>0)

{

reminder=n%10;

sum=sum+reminder;

n=n/10;

}

printf("Sum of digits : %d",sum);

getch();

}

@C\_Codings

19. Program to take a number from user and check whether it is Armstrong number or not.

#include<stdio.h>

#include<conio.h>

void main()

{

int i=2, temp, rem, sum=0, n;

clrscr();

printf("Enter n : ");

scanf("%d", &n);

temp = n;

while(n>0)

{

rem = n%10;

sum = sum+(rem\*rem\*rem);

n = n/10;

}

if(temp==sum)

printf("Entered number is an Armstrong Number");

else

printf("Entered number is not an Armstrong Number");

getch();

}

@C\_Codings

20. Program to take number from user and print table of that number.

#include<stdio.h>

#include<conio.h>

void main()

{

int i, n;

clrscr();

printf("Enter number : ");

scanf("%d", &n);

for(i=1; i<=10; i++)

printf("%d × %d = %d\n", n, i, n\*i);

getch();

}

@C\_Codings