***C PROGRAMMING EXERCISE***

1. Write a program to find maximum in the given three numbers.

#include<stdio.h>

void main()

{

int a,b,c;

printf("Enter a three value to find maximum value in the given number :\n");

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

if(a>b&&a>c)

{

printf("maximum number is =%d",a);

}

else if(b>c)

{

printf("maximum value is =%d",b);

}

else

{

printf("Maximum value is =%d",c);

}

}

2. Write a program to check whether the given number is even or odd.

#include<stdio.h>

void main()

{

int a;

printf("Enter a number : \n");

scanf("%d",&a);

a%2==0?printf("Entered number is even"):printf("Entered number is odd");

}

3. Check whether the given number is multiple of 7 or not.

void main()

{

int num;

printf("Enter a number :\n");

scanf("%d",&num);

if(num%7==0)

{

printf("Yes ! this number is multiple of 7");

}

else

{

printf("Sorry ! this number is not multiple of 7");

}

}

4. Write a program to check whether the given number is positive number or not.

#include<stdio.h>

void main()

{

int num;

printf("Enter a number :\n");

scanf("%d",&num);

if(num>0)

{

printf("Yes ! this number is Positive");

}

else

{

printf("Sorry ! this number is Negative ");

}

}

5. Write a program to calculate net amount by accepting amount value from user.

Amount(Rs) Discount(%)

------------------------------------------

Amount>=5000 10%

Otherwise 5%

-------------------------------------------

#include<stdio.h>

void main()

{

int amount ,res;

printf("Enter a value :\n");

scanf("%d",&amount);

if(amount>=5000)

{

res=amount-(amount\*10/100);

printf("Total amount is = %d",res);

}

else

{

res=amount-(amount\*5/100);

printf("Total amount is = %d",res);

}

}

6. Write a program to check whether the given year is a leap year or not.

#include<stdio.h>

void main()

{

int year;

printf("Enter a Year :\n");

scanf("%d",&year);

if(year%400==0)

{

if(year%4==0)

{

printf("Yes ! This year is a leap Year");

}

}

else if(year%100==0)

{

printf("Sorry ! This year is not leap Year ");

}

else

{

printf("Sorry ! This year is not leap Year ");

}

}

7. Write a program to evaluate student result by reading marks in three subjects from user.

(Pass or Fail)

#include<stdio.h>

void main()

{

int m,p,b,res;

printf("Enter a number in mathmatic : \n");

scanf("%d",&m);

printf("Enter a number in Physics : \n");

scanf("%d",&p);

printf("Enter a number in Biology : \n");

scanf("%d",&b);

res=m+p+b;

if(res>0&&res<33)

printf("You're fail ");

else

{

printf("Weldone ! You're ");

}

}

10.Write a program to check whether the entered number is less than 10 or not.

#include<stdio.h>

void main()

{

int num;

printf("Enter a number :\n");

scanf("%d",&num);

if(num<10)

{

printf("Yes ! This number is less than 10");

}

else

{

printf("Sorry ! This number is not less than 10 ");

}

}

11. Write a program to check whether the given character is lowercase alphabet or not.

#include<stdio.h>

void main()

{

char ch;

printf("Enter a character value :\n ");

ch=getche();

if(ch>='a'&& ch<='z')

{

printf("\ncharacter is lowercase");

}

else {

printf("\nCharacter is Uppercase.");

}

}

12. Write a program to check whether the given character uppercase alphabet or not.

#include<stdio.h>

void main()

{

char ch;

printf("Enter a character value :\n ");

ch=getche();

if(ch>='A'&& ch<='Z')

{

printf("\ncharacter is Uppercase.");

}

else {

printf("\nCharacter is Lowercase.");

}

}

13. Write a program to check the given character is alphabet or not.

#include<stdio.h>

void main()

{

char ch;

printf("Enter a character value :\n ");

ch=getche();

if(ch>='a'&& ch<='z'|| ch>='A'&& ch<='Z')

{

printf("\n Yes ! it’s a alphabet character.");

}

else {

printf("\n NO! it’s not alphabet character.");

}

}

14.Write a program to find biggest of three given numbers.

#include<stdio.h>

void main()

{

int a,b,c;

printf("Enter a three value to find maximum value in the given number :\n");

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

if(a>b&&a>c)

{

printf(“Biggest number is =%d",a);

}

else if(b>c)

{

printf("Biggest value is =%d",b);

}

else

{

printf("Biggest value is =%d",c);

}

}

15.Write a program to check whether the given number is positive or negative or zero.

#include<stdio.h>

void main()

{

int num;

printf("Enter a number :\n");

scanf("%d",&num);

if(num>0)

{

printf("Yes ! this number is Positive");

}

else if(num<0)

{

printf("Sorry ! this number is Negative ");

}

else{

printf("Oh ! This number is equal of zero ");

}

}

16.Write a program to evaluate result of a student by accepting marks in three subjects.

#include<stdio.h>

void main()

{

int m,p,b,res;

printf("Enter a number in mathmatic : \n");

scanf("%d",&m);

printf("Enter a number in Physics : \n");

scanf("%d",&p);

printf("Enter a number in Biology : \n");

scanf("%d",&b);

res=m+p+b;

if(res>0&&res<50)

printf("You're fail ");

else

{

printf("Weldone ! You're ");

}

}

17.Write a program to perform calculator operations( +, -, \*, / ) on given two numbers.

#include<stdio.h>

void main()

{

int num1,num2;

char op;

printf("Enter a first value :\n");

scanf("%d",&num1);

printf("Enter a second value :\n");

scanf("%d",&num2);

printf("Enter a operation value like (+ - \* / ):\n\n");

op=getche();

if(op=='+')

{

printf("\nsum of two numbers = %d",num1+num2);

}

else if(op=='-')

{

printf("\nsubtract of two numbers = %d",num1-num2);

}

else if(op=='\*')

{

printf("\nmultiply of two numbers = %d",num1\*num2);

}

else if(op=='/')

{

printf("\nDivision of two numbers = %d",num1/num2);

}

else {

printf("Please ! Enter a valid operation !");

}

}

18.Write a program to calculate net amount by accepting amount value from user.

Amount (Rs) Discount (%)

1-1000 5%

1001-2000 10%

2001-3000 15%

3001-4000 20%

>4000 25% .

#include<stdio.h>

void main()

{

int amount,res;

printf("Enter a value :\n");

scanf("%d",&amount);

if(amount>=1 && amount<=1000)

{

res=amount-(amount\*5/100);

printf("Total amount is = %d",res);

}

else if(amount>=1001 && amount<=2000)

{

res=amount-(amount\*10/100);

printf("Total amount is = %d",res);

}

else if(amount>=2001 && amount<=3000)

{

res=amount-(amount\*15/100);

printf("Total amount is = %d",res);

}

if(amount>=3001 && amount<=4000)

{

res=amount-(amount\*20/100);

printf("Total amount is = %d",res);

}

else

{

res=amount-(amount\*25/100);

printf("Total amount is = %d",res);

}

}

19. What is the output of the following code?

void main ()

{

int x = 2;

switch(x)

{

case 1:

printf(“Hello C”);

break;

case 2:

printf(“Hello C++”);

break;

case 3:

printf(“Hello java”);

break;

default:

printf(“BRECW”)

}

}

Output:- Hello C++

20.What is the output of the following code?

void main ()

{

int x=2

switch(x)

{

case 2 :

printf(“Hello C++”);

break;

case 1:

printf(“Hello C”);

break;

case 3:

printf(“Hello java”);

break;

default:

printf(“BRECW”);

}

}

Output:- Hello C++

21.What is the output of the following code?

void main()

{

int x = 2;

switch(x)

{

case 1 :

printf(“Hello C”);

case 2 :

printf(“Hello C++”);

case 3:

printf(“Hello Java”);

default :

printf(“BRECW”);

}

}

Output:- Hello C++

22. What is the output of the following code?

void main()

{

int i;

i=3;

switch(i)

{

case 1:

printf(“x”);

break;

case 2:

printf(“y”);

break;

default :

printf(“z”);

}

}

Output:- z

23. What is the output of the following code?

void main ( )

{

int x = 5;

switch(x)

{

case 1 :

printf(“Hello C”);

break;

default:

printf(“BRECW”);

case 2:

printf(“Hello C++”);

break;

case 3:

printf(“Hello java”);

}

}

Output:- BRECW Hello C++

24.What is the output of the following code?

void main()

{

int x = 1 ;

switch(x)

{

x = x + 1;

case 1:

printf(“one”);

break;

case 2:

printf(“two”);

break;

default :

printf(“three”);

}

}

Output : one

25.What is the output of the following code?

void main()

{

char ch = ‘b’;

switch(ch)

{

case ‘a’ :

printf(“one”);

break;

case ‘b’ :

printf(“two”);

break;

default:

printf(“three”);

}

}

Output : two

26.What is the output of the following code?

void main()

{

int number = 4;

switch(number)

{

case 1:

case 3:

case 5:

case 7:

case 9:

printf(“%d is an odd number”, number);

break;

case 2:

case 4:

case 6:

case 8:

printf(“%d is an even number\n”, number);

break;

default:

printf(“%d is a value not between 1 and 9 ”, number);

}

}

Output : 4 is an even number.

27.What is the output of the of the following code ?

void main ()

{

int i ;

i = 2 ;

switch (i)

{

case 1.0:

printf(“a”);

break;

case 2.0:

printf(“b”);

break;

default :

printf (“c”);

}

}

Output: runtime error

28.What is the output of the following code ?

void main ( )

{

int i=1, j=2;

switch (3)

{

case i :

printf(“sun”);

break ;

case j :

printf(“mon”);

break;

case i+j :

printf(“tues”);

}

}

Output: true

29. What is the output of the following code ?

void main ( )

{

switch (4)

{

case 2+1 :

printf( “c” );

break ;

case 2-2 :

printf ( “c++” ) ;

break ;

case 2\*2 :

printf ( “java” ) ;

break ;

case 2/2 :

printf ( “unix” ) ;

}

}

Output : java

30. Write a program to carry out the arithmetic operations addition, subtraction, multiplication, and division between to variable values.

31. Write a program that checks whether a character entered by the user is a vowel or not.

32. Write a program using a switch statement to check whether a number given by the user is odd or even.

33. Write a menu driven program to find area of the circle, area of the triangle and area of the rectangle according to users input choice.

34. Input integer centigrade value of temperature and print nature of weather Centigrade it is Burning

**Exercise 3:-**

Looping statements :

Write the syntax of following loops and print value of variable assigned by loop

1. Initialization i=6, condition is i<=10 , execute loop 3 times

for(i=6;i<=10;i=i+2)

{

printf(“value is =%d”,i)

}

Output:-

6

8

10

1. Initialization is i=10 , updation i=1+7 execute loop 5 times

#include<stdio.h>

void main(){

int i;

for(i=10;i<=40;i=i+7)

{

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

}

}

Output:-

10

17

24

31

38

3. Condition is i<=81 and updation is i=i\*i execute loop 3 times

#include<stdio.h>

void main()

{

int i;

for(i=2;i<=81;i=i\*i)

{

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

}

}

Output:-

2

4

16

1. For(i=10 ; i<=50 ) execute loop 4 times

for(i=10 i<=50;i=i+12)

Output:-

10

22

34

46

5. For(i=-3 ; ; i+1) execute loop 5 times

for(i=-3;i<=1;i=i+1)

Output:-

-3

-2

-1

0

1

6. For(i=10 ; ; i=i-3) execute loop 5 times

for(i=10;i>=-3;i=i-3)

Output:-

10

7

4

1

-2

7. for(; i>30 ; i=i\*2) execute loop 4 times

for(i=2;i<=30;i=i\*2)

Output:-

2

4

8

16

8. for( ; i>=1 ; i=i/3) execute loop 5 times

for(i=90;i>=1;i=i/3)

Output:-

90

30

10

3

1

Print following given values by loop

1,2,3,4,5,

#include<stdio.h>

void main()

{

int i;

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

{

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

}

}

7,5,3,1

#include<stdio.h>

void main()

{

int i;

for(i=7;i>=1;i=i-2)

{

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

}

}

2,4,8,16,32,64,128

#include<stdio.h>

void main()

{

int i;

for(i=2;i<=128;i=2\*i)

{

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

}

}

9,6,3,0

#include<stdio.h>

void main()

{

int i;

for(i=9;i>=0;i=i-3)

{

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

}

}

1.5,3.5,5.5,7.5,9.5

#include<stdio.h>

void main()

{

float i;

for(i=1.5;i<=9.5;i=i+2)

{

printf("%.1f\n",i);

}

}

8,4,2,1

#include<stdio.h>

void main()

{

int i;

for(i=8;i>=1;i=i/2)

{

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

}

}

1,3,6,10,15,21

#include<stdio.h>

void main()

{

int i ,c=0;

for(i=1;i<=6;i=i+1)

{

c=c+i;

printf("%d\n",c);

}

}

#include<stdio.h>

void main()

{

int i ,c=2;

for(i=3;i<=21;i=i+c)

{

c=c+1;

printf(“%d\n”,i);

}

}

90,30,10,3,1

#include<stdio.h>

void main()

{

int i;

for(i=90;i>=1;i=i/3)

{

printf(“%d\n”,i);

}

}

*Exercise : 4*

1. Write a program to display 1 to 10 numbers.

#include<stdio.h>

void main()

{

int i;

f­or(i=1;i<=10;i++)

{

printf(“%d\n”,i);

}

}

1. Write a program to display 5 to 1 numbers.

#include<stdio.h>

void main()

{

int i;

for(i=5;i>=1;i--)

{

printf(“%d\n”,i);

}

}

1. Write a program to display 1 to **n** numbers.

#include<stdio.h>

void main()

{

int n;

printf(“Enter a number : ”);

scanf(“%d”,&n);

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

{

printf(“%d\n”,i);

}

}

1. Write a program to find sum of first n numbers.

#include<stdio.h>

void main()

{

int n ,c=0,i;

printf(“Enter a number :”);

scanf(“%d”,&n);

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

{

c=c+i;

}

printf(“ Total sum of n number = 5%d\n”,c);

}

1. Write a program to find product of first n numbers.

#include<stdio.h>

void main()

{

int n ,c=1,i;

printf(“Enter a number :”);

scanf(“%d”,&n);

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

{

c=c\*i;

}

printf(“ Total product of n number =%d\n”,c);

}

1. Write a program to find sum of n given numbers.

#include<stdio.h>

int main()

{

int n,sum=0,m;

printf(“Enter a number:”);

scanf(“%d”,&n);

while(n>0) // 215 21 2

{ //

m=n%10; //5 1

sum=sum+m; //0+5=5 6 8

n=n/10; //21 2

}

printf(“Sum is=%d”,sum);

return 0;

}

1. Write a program to find product of n given numbers.

#include<stdio.h>

void main()

{

int n ,c=1,i;

printf(“Enter a number :”);

scanf(“%d”,&n);

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

{

c=c\*i;

}

printf(“ Total product of n number =%d\n”,c);

}

1. Wap to find reverse of a given number.

#include<stdio.h>

int main()

{

int n,m;

printf(“Enter a number:”);

scanf(“%d”,&n);

while(n>0) // 215 21 2

{ //

m=n%10; //0+5=5 6 8

n=n/10; //21 2

printf(“%d”,m);

}

return 0;

}

1. Wap to find sum of digits of a given numbers.

#include<stdio.h>

int main()

{

int n,sum=0,m;

printf(“Enter a number:”);

scanf(“%d”,&n);

while(n>0) // 215 21 2

{ //

m=n%10; //5 1

sum=sum+m; //0+5=5 6 8

n=n/10; //21 2

}

printf(“Sum is=%d”,sum);

return 0;

}

10.Write a program to find factorial of a given number.

#include<stdio.h>

void main()

{

int i,n,c=1;

printf(“Enter number to print fact:-“);

scanf(“%d”,&n);

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

{

c=c\*i;

}

printf(“factorial value %d is = %d”,n,c);

}

11.Write a program to display even number between 1 to 50.

#include<stdio.h>

void main()

{

int i;

for(i=1;i<=50;i++)

{

if(i%2==0)

{

printf(“\teven= %d”,i);

}

}

}

12.Write a program to display odd numbers between 1 to 25.

#include<stdio.h>

void main()

{

int i;

for(i=1;i<=25;i++)

{

if(i%2!=0)

{

printf(“\todd= %d”,i);

}

}

}

13.Write a program to display even numbers between the given range.

#include<stdio.h>

void main()

{

int i,n,m;

printf(“”Enter a start value :- );

scanf(“%d”,&n);

printf(“”\nEnter a end value :- );

scanf(“%d”,&n);

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

{

if(i%2==0)

{

printf(“%d”,i);

}

}

}

14.Write a program to display odd numbers between the given range.

#include<stdio.h>

void main()

{

int i,n,m;

printf(“”Enter a start value :- );

scanf(“%d”,&n);

printf(“”\nEnter a end value :- );

scanf(“%d”,&n);

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

{

if(i%2!=0)

{

printf(“ %d”,i);

}

}

}

15.Write a program to find sum of even numbers, count of even

numbers, sum of odd numbers and count of odd numbers

between 1 to 20.

16.Write a program to find sum of all individual digits in a given

number.

17.Write a program to display each digits of a given number in

words. [Ex:Input:3452 Output: Three Four Five Two]

18.Write a program to display nthmultiplication table.

#include<stdio.h>

void main()

{

int n,i,c;

printf(“Enter a number :”);

scanf(“%d”,&n);

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

{

c=i\*n;

printf(“ %d\n”,c);

}

}

19.Write a program to check whether the given number is prime

number or not.

//111 121 101

#include<stdio.h>

void main()

{

int n,c,m,sum=0,temp;

printf("Enter a number to check the given number is palindrome or not: ");

scanf("%d",&n);

temp=n;

while(n>0)

{

c=n%10;

sum=(sum\*10)+c;

n=n/10;

}

if(temp==sum)

{

printf("The given number is palindrome : ");

}

else

{

printf("The given number is not palindrome : ");

}

}

20. What is the output?

Int i=0;

for( ;i<=4;)

printf(“%d”, i++);

Output:-0 1 2 3 4

21. What is the output?

Int i=1;

for(;;)

{

if(i>10)

break;

else

printf(“%d”, i++);

}

Output:-1 2 3 4 5 6 7 8 9 10

22.What is the output?

For(x=10; x<10; x=x-1)

printf(“%d”,n);

Output:-

Runtime error

23. What is the output?

For(i=0,j=5; i<=5; i++,j--)

{

printf(“%d%d\n”,i,j)

}

24.What is the output?

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

{

printf(“%d” , i);

}

Output:-

1 2 3 4 5 6 7 8 9 10

25. for(n=1; n<=10; n++)

{

sqr=n\*n;

cube=n\*sqr;

printf(“\t%d %d %d”, n , sqr, cube)

Output:-

1 1 1

2 4 8

3 9 27

4 16 64

5 25 125

6 36 216

7 49 343

8 64 512

9 81 729

10 100 1000

26. Write a program to check whether the given number is

Palindrome or not.

#include<stdio.h>

void main()

{

int n,c,m,sum=0,temp;

printf("Enter a number to check the given number is palindrome or not: ");

scanf("%d",&n);

temp=n;

while(n>0)

{

c=n%10;

sum=(sum\*10)+c;

n=n/10;

}

if(temp==sum)

{

printf("The given number is palindrome : ");

}

else

{

printf("The given number is not palindrome : ");

}

}

27. What is output?

Void main()

{

int i;

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

printf(“%d”, i);

Output:-

1 2 3 4 5

28. What is output?

Void main()

{

int i;

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

printf(“%d”,i);

}

Output:-

1 2 3 4 5

*Assignment*

wap to print following statement;

// 8, 12, 17, 23, 30, 38

#include< stdio.h>

void main()

{

int i, n=3;

for(i=8;i<=38;i=i+n)

{

n=n+1;

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

}

}

// 7, 10, 15, 22, 31, 42

#include<stdio.h>

void main()

{

int i, n=1;

for(i=7;i<=42;i=i+n)

{

n=n+2;

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

}

}

//12 , 11, 9, 6 , 2

#include<stdio.h>

void main()

{

int i, n=0;

for(i=12;i>=2;i=i-n)

{

n=n+1;

98 printf("%d\n",i);

}

}

//wap when ending of loop in not given.

#include<stdio.h>

void main()

{

int n,i;

printf("Enter a number to print value 1 to n :- ");

scanf("%d",&n);

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

{

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

}

}

//wap to print even value from 1 to n

#include<stdio.h>

void main()

{

int n,i;

printf("Enter a number to print value 1 to n :- ");

scanf("%d",&n);

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

{

if(i%2==0)

{

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

}

}

}

//wap to print all odd number from 10 to n

#include<stdio.h>

void main()

{

int n,i;

printf("Enter a number to print value 1 to n :- ");

scanf("%d",&n);

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

{

if(i%2!=0)

{

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

}

}

}

//Wap to print all digit which is divisible by 4 from 1 to n .

#include<stdio.h>

void main()

{

int n,i;

printf("Enter a number to print value 1 to n :- ");

scanf("%d",&n);

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

{

if(i%4==0)

{

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

}

}

}

//wap to print following.

//1 ,2 ,4, 7 ,11,16,22,.....n

#include<stdio.h>

void main()

{

int i,n=0,m;

printf("Enter a ending value to print series: ");

scanf("%d",&m);

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

{

n=n+1;

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

}

}

//wap to add all number from given series.

#include<stdio.h>

void main()

{

int i,n=0,m,sum=0;

printf("Enter a ending value to print series: ");

scanf("%d",&m);

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

{

n=n+1;

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

sum=sum+i;

}

printf(“\nsum of total series : %d ”,sum);

}

//wap to print sum of all number where number is not divided by 3 within 1 to n.

#include<stdio.h>

void main()

{

int i,n,sum=0;

printf("Enter a ending number : ");

scanf("%d",&n);

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

{

if(i%3!=0)

{

sum=sum+i;

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

}

}

printf("\nTotal sum of number = %d",sum);

}

// wap to add even number within n to 50

#include<stdio.h>

void main()

{

int i ,n,add=0;

printf("Enter a number n to 50 : ");

scanf("%d0",&n);

for(i=n;i<=50;i++)

{

if(i%2==0)

{

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

add=add+i;

}

}

printf("\nTotal added even number %d",add);

}

*Assignment:- 28/09/2021*

//wap to find multiplication of all numbers that is divisible by 3 and 5 both.

#include<stdio.h>

void main()

{

int i,num,mul=1;

printf("Enter a ending number : ");

scanf("%d",&num);

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

{

if(i%3==0 && i%5==0)

{

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

mul=mul\*i;

}

}

printf("\nmultiplication is = %d",mul);

}

//wap to find multiplication of all number where last digit of number is 3 within 1 to n

#include<stdio.h>

void main()

{

int i,num,mul=1;

printf("Enter a ending number : ");

scanf("%d",&num);

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

{

if(i%10==3)

{

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

mul=mul\*i;

}

}

printf("\nmultiplication is = %d",mul);

}

//wap to find multiplication of all numbers where last digit of number is divisible by 2 within 1 to n.

#include<stdio.h>

void main()

{

int i,num,mul=1;

printf("Enter a ending number : ");

scanf("%d",&num);

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

{

if(i%10==0||i%10==2||i%10==4|| i%10==6||i%10==8 )

{

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

mul=mul\*i;

}

}

printf("\nmultiplication is = %d",mul);

}

//wap to count total number divisible by 3 and 7 and 9 within a given series.

#include<stdio.h>

void main()

{

int i,num,count=0;

printf("Enter a ending number : ");

scanf("%d",&num);

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

{

if(i%3==0 && i%7==0 && i%9==0)

{

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

count++;

}

}

printf("Total count value is = %d",count);

}

//Wap to ask to input gender first character (m/f)

From 10 user and count how many female and how many male are present here.

//Wap to read 10 number from keyboard and count number of positive ,negative, zeros are present here.

#include<stdio.h>

#include<conio.h>

void main()

{

int i ,pos=0,neg=0,zero=0,num;

printf("Enter a 10 number : \n");

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

{

scanf("%d",&num);

if(num>0)

{

pos++;

}

else if(num<0)

{

neg++;

}

else

{

zero++;

}

}

printf("Total pos = %d and Total neg = %d and zero = %d",pos,neg,zero);

}

////wap to print each digit of a number.

////wap to print digits all digits of numeber in seprate lines.

//wap to sum of all digits of a number.

#include<stdio.h>

void main()

{

int rem,num,sum=0;

printf("Enter a number : ");

scanf("%d",&num);

for(;num>0;num=num/10)//121

{

rem=num%10;

sum=sum+rem;

}

printf("sum of all digits of a number = %d",sum);

}

//wap to reverse of a number.

#include<stdio.h>

void main()

{

int num,rem,res=0;

printf("Enter a number : ");

scanf("%d",&num);

for(;num>0;num=num/10)

{

rem=num%10;

res=res\*10+rem;

}

printf("Reverse value is = %d",res);

}

//wap to check number is polindrome or not.

#include<stdio.h>

void main()

{

int rem,num,temp,rev=0;

printf("Enter a number :");

scanf("%d",&num);

temp=num;

for(;num>0;num=num/10)

{

rem=num%10;

rev=rev\*10+rem;

}

if(temp==rev)

{

printf("Yes ! This number is polindrome.");

}

else

{

printf("NO ! This number is not polindrome.");

}

}

//wap to check number is a armstrong number or not

//wap to print sum of squre of all digits of a number.

#include<stdio.h>

void main()

{

int rem,num,sum=0;

printf("Enter a number : ");

scanf("%d",&num);

for(;num>0;num=num/10)//121

{

rem=num%10;

sum=sum+rem\*rem;

}

printf("sum of squre of all digits of a number = %d",sum);

}

­