**1.To print “Hello World” in double quotes**

#include <stdio.h>

int main()

{

printf("\"Hello World\"");

return 0;

}

o/p:”Hello World”

**2.To find out the values after post increment**

#include <stdio.h>

int main()

{

int a,b;

a=10;

b=a++;

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

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

return 0;

}

o/pa:=11

b=10

**3.To find out the values after pre increment**

#include <stdio.h>

int main()

{

int a,b;

a=10;

b=++a;

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

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

}

o/p:a=11

b=11

**4.Even or odd**

#include <stdio.h>

int main()

{

int n;

printf("\n pls enter no:");

scanf("%d",&n);

printf (n%2==0?"even":"odd");

return 0;

}

o/p: pls enter no:4

even

**5.+ve or -ve or 0**

#include <stdio.h>

int main()

{

int n;

printf("\n pls enter no:");

scanf("%d",&n);

printf (n>0?"+ve":n==0?"0":"-ve");

return 0;

}

o/p:pls enter no 4

+ve

**6.Big of 2 nos**

#include <stdio.h>

int main()

{

int a,b;

printf("\n pls enter a and b:");

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

printf (a>b?"a big":a<b?"b big":"a=b");

}

o/p:enter a and b:4 5B big

**7.Big of 3 nos**

#include <stdio.h>

int main()

{

int a,b,c;

printf("\n pls enter a and b and c:");

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

printf (a>b&&a>c?"a big":b>a&&b>c?"b big":"c big");

return 0;

}

o/p:enter a and b and c:

7 8 9

9

**8.To print int,float and char values**

#include <stdio.h>

int main()

{

int a=2.3;

float b=10;

char c=65;

printf("%d %f %c",a,b,c);

return 0;

}

o/p**:**2 10.00000 A

**9.To print total and avg**

int main()

{

int marks[10],i,n, total=0;

float avg;

char name[10];

printf("enter ur name\n");

scanf("%s",name);

printf("enter n of sub\n");

scanf("%d",&n);

for(i=0;i<n;i++)

{

printf("enter ur marks\n");

scanf("%d",&marks[i]);

total=total+marks[i];

}

avg=total/n;

printf("avg=%f",avg);

return 0;

}

**10:To print char**

#include <stdio.h>

int main()

{

int i,count=0;

for(i=0;i<256;i++,count++)

{

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

if(count==20)

{

printf("\n press any key\n");

getch();

count=0;

}

}

return 0;

}

**11.Main having arguments(command line args)**

int main(int argc,char\*argv[])

{

int a,b;

if(argc<0)

printf("invalid no of args");

else

{

a=atoi(argv[1]); //to convert char into int and index of an array must start with 1only

b=atoi(argv[2]);

printf("sum=%d",a+b);

}

}

o/p : 4 5

9

**12.To find if caps or small letter or digit**

#include <stdio.h>

int main()

{

char a;

int b;

printf("enter char");

scanf("%c",&a);

b=a;

printf(b>=65&&b<=90?"caps":b>=97&&b<=122?"small":"digit");

return(0);

}

o/p:A caps

**13.Divisible by 5 and11**

#include <stdio.h>

int main()

{

int b;

printf("enter no");

scanf("%d",&b);

printf(b%5==0&&b%11==0?"divisible by 5 and 11":"not");

return(0);

}

o/p:50

not

**14.leap yr or not**

#include <stdio.h>

int main()

{

int b;

printf("enter year");

scanf("%d",&b);

printf(b%4==0&&b%100!=0?"leap yr":b%400==0?"leap yr":"not");

return(0);

}

o/p:1900

Not

**14.Switch case for add and sub**

#include <stdio.h>

#include<string.h>

int main()

{

int a,b;

char ch;

printf("enter two values");

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

printf("\n enter operator of ur choice");

fflush(stdin);

scanf("%c",&ch) ;

switch(ch)

{

case'+':printf("\n sum:%d",a+b);break;

case'-':printf("\n sub:%d",a-b);break;

}

return(0);

}

**15.Switch case for days in a week**

int main()

{

int ch;

printf("\n enter operator of ur choice");

scanf("%d",&ch) ;

switch(ch)

{

case 1:printf("\n mon" );break;

case 2:printf("\n tue");break;

case 3:printf("\n wed");break;

case 4:printf("\n thur");break;

case 5:printf("\n fri");break;

case 6:printf("\n sat");break;

case 7:printf("\n sun");break;

default:printf("not");

}

return(0);

}