1. Print value with quotes

#include <stdio.h>

int main()

{

printf(" \” Hello World\” ”);

return 0;

}

1. Increment operator

#include <stdio.h>

int main()

{

int a = 10;

b = ++a;

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

return 0;

}

Out put : 11

11

#include <stdio.h>

// Post increment

int main()

{

int a = 10;

b = a++;

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

return 0;

}

Out put : 11

10

1. Assignment operator :

#include <stdio.h>

int main()

{

int n;

printf("\n plz enter 9: ");

scanf("%d",&n);

if(n==9) // comparison

printf("Thank you\n");

if(n = 9) // assignment

printf("Sory\n");

return 0;

}

Out put :

Plz enter 9: 9

Thank you

Sorry

1. Conditional or ternary operator

#include <stdio.h>

int main()

{

int n;

printf("\n plz enter a number : ");

scanf("%d",&n);

printf(n==0?"nutral":n>0?"positive":"negative");

return 0;

}

Out put:

Enter a number : 0

Nutral

Enter a number : 3

Positive

Enter a number : -1

Negative

Largest of 3 numbers :

#include <stdio.h>

int main()

{

int a,b,c;

printf("\n plz enter a numbers : ");

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

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

return 0;

}

Output:

Enter numbers : 1 2 3

C is big

#include <stdio.h>

int main()

{

int a = 2.3;

float b = 10;

char c = 65;

printf("a = %d\nb = %f\nc = %c",a,b,c);

return 0;

}

5. Misc operators : (\*-pointers,.-pointer,->,&-address of operator)

6. Control statements:(if,else if,else)

7. Type casting : implicit and explicit type casting

#include <stdio.h>

int main()

{

int a = 2.3;

float b = 10;

char c = 65;

printf("a = %d\nb = %f\nc = %c",a,b,c);

return 0;

}

1. To print ASCII character :

#include <stdio.h>

int main()

{

for(int i=0;i<256;i++)

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

return 0;

}

1. Explicit type casting
2. Command line argument

#include <stdio.h>

#include<stdlib.h>

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

{

int a,b;

if(argc<0)

printf("Invalid no of args");

else{

a =atoi(argv[1]);

b =atoi(argv[2]);

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

}

return 0;

}

#include <stdio.h>

#include<stdlib.h>

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

{

/\*char a;

scanf("%c",&a);

printf((a>='a'&&a<='z')?"lower case":(a>='A'&&a<='Z')?"Upper case":(a>='0'&&a<='9')?"number":"special character");

printf((a=='a'||a=='e'||a=='i'||a=='o'||a=='u'||a=='A'||a=='E'||a=='I'||a=='O'||a=='U')?"Vowel":"Consonant");\*/

/\*int n;

scanf("%d",&n);

printf((n%5==0 && n%11==0)?"Divisible":"Not Divisible");\*/

/\*int a1,a2,a3;

scanf("%d %d %d",&a1,&a2,&a3);

printf(a1+a2+a3==180?"forms triangle":"triangle is not possible");\*/

// leap year

int year;

printf("\nEnter a year : ");

scanf("%d",&year);

if((year%4==0 && year%100!=0) || year%400==0)

printf("leap year");

else

printf("Not a leap year");

return 0;

}

#include<stdio.h>

int main(){

int day;

printf("Input a number........");

scanf("%d",&day);

switch(day){

case 0: printf("Sun");break;

case 1: printf("Mon");break;

case 2: printf("Tue");break;

case 3: printf("Wed");break;

case 4: printf("Thu");break;

case 5: printf("Fri");break;

case 6: printf("Sat");break;

default : printf("Invalid choice.......!");

}

return 0;

}