VALUES OF DATATYPE

#include <stdio.h>

void main()

{

float a;

a=142.3;

printf("%f",a);

}

#include <stdio.h>

#include<limits.h>

void main()

{

int a;

a=INT\_MAX;

printf("%d",a);

}

#include <stdio.h>

#include<limits.h>

void main()

{

int a;

a=INT\_MIN;

printf("%d",a);

}

**UPPER CASE**

#include <stdio.h>

void main()

{

int i=65;

for(i=65;i<=90;i++)

printf("%c=%d",i,i);

}

**LOWER CASE**

**#include <stdio.h>**

**void main()**

**{**

**int i;**

**for(i=65;i<=122;i++)**

**printf("%c=%d",i,i);**

**}**

**ALL VALUES**

**#include <stdio.h>**

**void main()**

**{**

**int i;**

**for(i=0;i<=200;i++)**

**printf("%c=%d",i,i);**

**}**

**USING \**

**#include <stdio.h>**

**void main()**

**{**

**printf("abcd\bxyz");**

**}**

**2.#include <stdio.h>**

**void main()**

**{**

**printf("abcd\fxyz");**

**}**

**-----\f = next line starts according to where the 1st line ends.**

**\b---- backspace**

**\r-----replace**

**\n---- new line**

**\v----vertical tab**

**\a---bell**

**\t-----tab**

**\’---single**

**\”---double**

**DECIMAL TO OCTA &HEXA………**

**#include <stdio.h>**

**void main()**

**{**

**int a=29;**

**printf("%o",a);**

**}**

**#include <stdio.h>**

**void main()**

**{**

**int a=29;**

**printf("%x",a);**

**}**

**--------**

**#include <stdio.h>**

**void main()**

**{**

**int a;**

**a=printf("gitam\n");**

**printf("%d",a);**

**}**

**-------(\n----nextline====6)**

**------------**

**NO.OF VARIABLES**

**#include <stdio.h>**

**void main()**

**{**

**int a,b,c;**

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

**printf("%d",c);**

**}**

**ARITHMETIC OPERATIONS**

**#include <stdio.h>**

**void main()**

**{**

**printf("%d",'b'+'a');**

**}**

**-----using float ()**

**#include <stdio.h>**

**void main()**

**{**

**float a;**

**a=fmod(12.7,5.2);**

**printf("%f",a);**

**}**

**-----**

**#include <stdio.h>**

**void main()**

**{**

**int a=5,b;**

**b=a++;**

**printf("%d%d",a,b);**

**}**

**LOGICAL OPERATORS**

**-----**

**#include<stdio.h>**

**void main()**

**{**

**int a=5,b=0,c;**

**c=b||a++;**

**printf("%d",a);**

**}**

**----**

**#include<stdio.h>**

**void main()**

**{**

**int a=5,b=8,c,d=0;**

**c=b||a&&d;**

**printf("%d",c);**

**}**

**---**

**#include<stdio.h>**

**void main()**

**{**

**int a=5,b=0,c;**

**if(a<b)**

**printf("yes");**

**else**

**printf("no");**

**printf("%d",a);**

**}**

**BITWISE OPERATIONS**

**#include<stdio.h>**

**void main()**

**{**

**int a=5,b=6,c;**

**c=a^b;**

**printf("%d",c);**

**}**

**=====**

**#include<stdio.h>**

**void main()**

**{**

**int a=5,b=6,c;**

**c=a&b;**

**printf("%d",c);**

**}**

**#include<stdio.h>**

**void main()**

**{**

**int a=5,b=6,c;**

**c=a|b;**

**printf("%d",c);**

**}**

**---**

**#include<stdio.h>**

**void main()**

**{**

**int a=5,b=6,c;**

**c=a<<b;**

**printf("%d",c);**

**}**

**--------**

**#include<stdio.h>**

**void main()**

**{**

**int a=5,b=6,c;**

**c=a>>b;**

**printf("%d",c);**

**}**

**---**

**#include<stdio.h>**

**void main()**

**{**

**int a=5,c;**

**c=~a;**

**printf("%d",c);**

**}**

**SIZE**

**#include<stdio.h>**

**void main()**

**{**

**long int a;**

**printf("%d",sizeof(a));**

**}**

**-------**

**#include<stdio.h>**

**void main()**

**{**

**int a=5,b;**

**b=sizeof(a);**

**printf("%d%d",a,b);**

**}**

**-----**

**ADDRESS OPERATOR**

**----**

**&**

**\***

**?:**

**--------**

**#include<stdio.h>**

**void main()**

**{**

**int a=5,b=6,c;**

**c=a<b?a:b;**

**printf("%d",c);**

**}**

**--------------(c=a<b?a:b)----smallest of 2 no.’s**

**--------------(c=a>b?a:b)------greatest of 2 no.’s**

**----------**

**#include<stdio.h>**

**void main()**

**{**

**int a=5,b=6,c;**

**c=6?1:b;**

**printf("%d",c);**

**}**