

What is the output?

```
void main() {  
    int c[]={5,4,3,2,1};  
    int j,*q=c;  
    for(j=0;j<5;j++){  
        ++q;  
    }  
    printf("%d ",*c);  
}
```


What is the output?

```
int find(int j) {  
    if(j > 1){  
        j = find(j/10) + (j%10);  
    }  
    else {  
        j = 0;  
    }  
    return j;  
}
```

```
void main()  
{  
    int i = 1024;  
    int k;  
    k = find(i);  
    printf("%d", k);  
}
```

What is the output?

```
void main() {  
    int c[]={5,4,3,2,1};  
    int j,*q=c;  
    for(j=0;j<5;j++){  
        ++q;  
    }  
    printf("%d ",*c);  
}
```

What is the output?

```
void f(int *a,int m) {  
    int j=0;  
    for(j=0;j<m;j++){  
        *(a+j) = *(a+j)-5;  
    }  
}
```

```
int main() {  
    int a[] = { 'f' , 'g' , 'h' , 'i' };  
    int j=0;  
    f(a,4);  
    printf("%d\t",a[1] - 'a');  
    return 0;  
}
```


What is the output?

```
void main() {  
    int c[]={5,4,3,2,1};  
    int j,*q=c;  
    for(j=0;j<5;j++){  
        ++q;  
    }  
    printf("%d ",*c);  
}
```

What is the output?

```
int max(int x, int y){  
    return (y > x)? y : x;  
}  
void main(){  
    int a[] = {-6, -3, 8, -1, -2, 1, 5, -3};  
    int z = a[0], n=8, i=0, c=a[0];  
    for (i = 1; i < n; i++) {  
        c = max(a[i], c+a[i]);  
        z = max(z, c);  
    }  
    printf("%d \n", z);  
}
```


What is the output?

```
int fun(int n)
{
    if(n!=0) {
        return n - fun(n-5);
    }
    else {
        return n;
    }
}
```

```
int main(){
    int n = 10, z;
    z = fun(n);
    printf("%d", z);
}
```

What is the output?

```
int incr (int i) {  
    static int count = 1;  
    count = count + i;  
    return (count);  
}  
int main () {  
    int i,j;  
    for (i = 0; i <= 4; i++)  
        j = incr(i);  
    printf("%d", j);  
    return 0;  
}
```


What is the output?

```
int calc(int x, int *py, int **ppz)
{
    int y, z;
    **ppz += 1;
    z = **ppz;
    *py += **ppz;
    y = *py;
    x += *py;
    return x + y + z;
}

void main()
{
    int c, *b, **a;
    c = 5;
    b = &c;
    a = &b;
    printf( "%d", calc(c,b,a));
}
```

What is the output?

```
void main() {  
    int i=0,j=0,c=0;  
    char str[]={"Zoho Corp Pvt Ltd"};  
    while(str[i]!='\0') {  
        j=i;  
        while((str[j]!=' ')&&(str[j]!='\0')){  
            j++;  
        }  
        if ( str[j] == ' ' )c++;  
        i=j+1;  
    }  
    printf("%d \n", c);  
}
```

What is the output?

```
int max(int x, int y){  
    return (y > x)? y : x;  
}  
void main(){  
    int a[] = {-6, -3, 8, -1, -2, 1, 5, -3};  
    int z = a[0], n=8, i=0, c=a[0];  
    for (i = 1; i < n; i++) {  
        c = max(a[i], c+a[i]);  
        z = max(z, c);  
    }  
    printf("%d \n", z);  
}
```

What is the output?

```
void f(int *a,int m) {  
    int j=0;  
    for(j=0;j<m;j++){  
        *(a+j) = *(a+j)-5;  
    }  
}
```

```
int main() {  
    int a[] = { 'f' , 'g' , 'h' , 'i' };  
    int j=0;  
    f(a,4);  
    printf("%d\t",a[1] - 'a');  
    return 0;  
}
```

What is the output?

```
int find(int j) {  
    if(j>1){  
        j=find(j/10)+(j%10);  
    }  
    else {  
        j=0;  
    }  
    return j;  
}
```

```
void main()  
{  
    int i=1024;  
    int k;  
    k=find(i);  
    printf("%d", k);  
}
```

What is the output?

```
int Decode( char* pStr )
{
    int iRetVal = 0;
    if ( pStr )
    {
        while(*pStr && *pStr <= '9' && *pStr >= '0')
        {
            iRetVal = (iRetVal * 10) + ( *pStr - '0');
            pStr++;
        }
    }
    return iRetVal;
}

int main()
{
    printf("%d", Decode("X32Y567") + Decode("42X24"));
    return 0;
}
```


What is the output?

```
int max(int x, int y){
    return (y > x)? y : x;
}
void main(){
    int a[] = {-6, -3, 8, -1, -2, 1, 5, -3};
    int z = a[0], n=8, i=0, c=a[0];
    for (i = 1; i < n; i++) {
        c = max(a[i], c+a[i]);
        z = max(z, c);
    }
    printf("%d \n", z);
}
```

What is the output?

```
int find(int j) {  
    if(j>1){  
        j=find(j/10)+(j%10);  
    }  
    else {  
        j=0;  
    }  
    return j;  
}
```

```
void main()  
{  
    int i=1024;  
    int k;  
    k=find(i);  
    printf("%d", k);  
}
```

Question:

Find the output

```
int printCount(int count){  
    for (;;) {  
        if (count == 10)  
            break;  
        printf("%d", ++count);  
    }  
    return 0;  
}
```

What will be the output for the function call **printCount (2)**?

Question:

Find the output :

```
#include <stdio.h>
int array[10];
void printArrayValues(int i) {
    i=0;
    array[i] = i++;
    array[i] = ++i;
    array[i] = i + 1;
    printf("%d%d%d", array[0], array[1], array[2], array[3], i);
}
```

What will be the output for the function call **printArrayValues(414)**?

Question:

Find the output

```
int manipulate(int a,int b) {  
    a = a-- + --b;  
    b = b-- + --a;  
    printf("%d,%d", a, b);  
    return 0;  
}
```

What will be the output for the function call **manipulate(5,10)**?

Question:

Find the output :

```
#include<stdio.h>
void fun(int x)
{
    if(x > 0)
    {
        fun(--x);
        printf("%d", x);
        fun(--x);
    }
}
```

What will be the output for the function call **fun(4)**?

Find the output :

```
#include<stdio.h>
extern int x;
void main(){
    do{
        do{
            printf("%o",x);
        }while(!-2);
    }while(0);
} int x=8;
```

I

Question:

Find the output

```
#include <stdio.h>
int magic(int a){
    return a*(a+1)*(2*a+1);
}

int main(){
    int i=0, n=100, count=0;
    while(i<n){
        if(magic(i)%3==0){
            count++;
        }
        i++;
    }
    printf("%d", count);
    return 0;
}
```


Question:

Find the output

```
#include <stdio.h>

int is_good_one(int a){
    int b;
    while(a){
        b = a%10;
        if(b == 0b1001){
            return 1;
        }
        a /= 10;
    }
    return 0;
}

void seive(int a[100], int l){
    int i;
    for(i=0; i<l; i++){
        a[i]=is_good_one(i);
    }
}

int main(){
    int a[100];
    int i=0, l, count=0;
    seive(a,100);
    l = sizeof(a)/(sizeof(int));
    i=0;
    for(; i<l; i++)
        if(a[i])
            count++;
    printf("%d", count);
}
```


Question:

Find the output

```
#include<stdio.h>
```

```
void main()
```

```
{
```

```
    int i=-3, j=2, k=0, m;
```

```
    m=++i || ++j && ++k;
```

```
    printf("%d%d%d%d", i, j, k, m);
```

```
}
```

Question:

Find the output

```
#include<stdio.h>
```

```
void main( )
```

```
{
```

```
    int n[3][3] = {
```

```
        2, 4, 3,
```

```
        6, 8, 5,
```

```
        3, 5, 1
```

```
    } ;
```

```
    int i, j ;
```

```
    for ( i = 0 ; i <= 2 ; i++ )
```

```
        for ( j = 0 ; j <= 2 ; j++ )
```

```
            printf ( "%d*d", n[i][j], *( *( n + i ) + j ) ) ;
```

```
}
```


Question:

Find the output

```
#include <stdio.h>
int magic(int a){
    return a*(a+1)*(2*a+1);
}

int main(){
    int i=0, n=100, count=0;
    while(i<n){
        if(magic(i)%3==0){
            count++;
        }
        i++;
    }
    printf("%d", count);
    return 0;
}
```


Question:

Find the output

```
#include<stdio.h>
int main() {
    union a
    {
        int i;
        char ch[2];
    };
    union a u;
    u.ch[0]=3;
    u.ch[1]=2;
    printf("%d,%d,%d", u.ch[0], u.ch[1], u.i);
    return 0;
}
```

Question:

Find the output

```
#include<stdio.h>
```

```
void main( )
```

```
{
```

```
    int n[3][3] = {
```

```
        2, 4, 3,
```

```
        6, 8, 5,
```

```
        3, 5, 1
```

```
    } ;
```

```
    int i, j ;
```

```
    for ( i = 0 ; i <= 2 ; i++ )
```

```
        for ( j = 0 ; j <= 2 ; j++ )
```

```
            printf ( "%d*d", n[i][j], *( *( n + i ) + j ) ) ;
```

```
}
```

Question:

Find the output :

```
#include<stdio.h>
void fun(int x)
{
    if(x > 0)
    {
        fun(--x);
        printf("%d", x);
        fun(--x);
    }
}
```

What will be the output for the function call **fun(4)**?

Question:

Find the output :

```
#include<stdio.h>
extern int x;
void main(){
    do{
        do{
            printf("%o",x);
        }while(!-2);
    }while(0);
} int x=8;
```


Question:

Find the output

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    char *g = NULL;
```

```
    char *h = 0;
```

```
    if (g)
```

```
        printf(" g ");
```

```
    else
```

```
        printf("nullg");
```

```
    if (h)
```

```
        printf("h");
```

```
    else
```

```
        printf("nullh");
```

```
}
```

Question:

Find the output

```
#include<stdio.h>
```

```
int main()
```

```
{
```

```
    unsigned int x = -10;
```

```
    printf("-%d",x);
```

```
    return 0;
```

```
}
```

Find the output

```
#include<stdio.h>
```

```
#define dummy1 0
```

```
#define dummy2 1
```

```
#define dummy3 2
```

```
#define dummy4 3
```

```
int change(int a)
```

```
{
```

```
    if(a<10){
```

```
        a+=10;
```

```
        return a;
```

```
    }
```

```
    if(a<15){
```

```
        a-=10;
```

```
        return a;
```

```
    }
```

```
    return a;
```

```
}
```

```
int main(){
```

```
    int a = 5, b;
```

```
    b = change(a);
```

```
    printf("%d-%d", a, b);
```

```
    a+=a; b = change(a);
```

```
    printf("%d-%d", a, b);
```

```
    return 0;
```

```
}
```


Question:

Find the output

```
#include<stdio.h>
```

```
int N = 12;
```

```
int main()
```

```
{
```

```
    static int x = 1;
```

```
    if (printf("%d",x) && x++ < N && main(
```

```
{ }  
    return 0;
```

```
}
```

Question:

Find the output:

```
#include<stdio.h>
void fact(int*);
int main()
{
    int i=5;
    fact(&i);
    printf("%d", i);
    return 0;
}
void fact(int *j)
{
    static int s=1;
    if(*j!=0)
    {
        s = s**j;
        *j = *j-1;
        fact(j);
    }
}
```

Question:

Find the output

```
int printCount(int count){  
    for (;;) {  
        if (count == 10)  
            break;  
        printf("%d", ++count);  
    }  
    return 0;  
}
```

What will be the output for the function call **printCount(2)**?

I

Question:

Find the output:

```
void printOutput(float a){  
    int i;  
    char *ptr;  
    ptr=(char *)&a;  
    for(i=0;i<=3;i++)  
        printf("%d", *ptr++);  
}
```

What will be the output for the function call `printOutput(5.2)`?

Find the output

```
#include <stdio.h>
int is_good_one(int a){
    int b;
    while(a){
        b = a%10;
        if(b == 0b1001){
            return 1;
        }
        a /= 10;
    }
    return 0;
}

void seive(int a[100], int l){
    int i;
    for(i=0; i<l; i++){
        a[i]=is_good_one(i);
    }
}

int main(){
    int a[100];
    int i=0, l, count=0;
    seive(a,100);
    l = sizeof(a)/(sizeof(int));
    i=0;
    for(;i<l;i++)
        if(a[i])
            count++;
    printf("%d", count);
}
```

Find the output

```
#include<stdio.h>
```

```
int main ()
```

```
{
```

```
    char a[] = "Hey there";
```

```
    for (int i = 0; a[i] != '\0'; i++)
```

```
    {
```

```
        if (a[i] >= 'A' && a[i] <= 'Z')
```

```
            a[i] = a[i] - 'A' + 'a';
```

```
        if (a[i] >= 'a' && a[i] <= 'z')
```

```
            a[i] = a[i] - 'a' + 'A';
```

```
    }
```

```
    printf ("%s", a);
```

```
    return 0;
```

```
}
```


Question:

Find the output

```
#include<stdio.h>
```

```
int N = 12;
```

```
int main()
```

```
{
```

```
    static int x = 1;
```

```
    if (printf("%d", x) && x++ < N && mai
```

```
{ }
```

```
    return 0;
```

```
}
```

123456789101112

Question:

Find the output

```
#include<stdio.h>
#include<string.h>
void printOutput(char *txt, char *pat) {
    int m = strlen(pat);
    int n = strlen(txt);
    int i, j, k = n-m;
    for (i = 0; i <= k; i++) {
        for (j = 0; j < m; j++) {
            if (txt[i+j] != pat[j]) {
                break;
            }
        }
        if (j == m) {
            printf("%d", i);
        }
    }
}
```

What will be the output for the function call `printOutput("zohooohozzohzohozo", "zoh`

Question:

Find the output

```
#include<stdio.h>
```

```
int main() {
```

```
    union a
```

```
    {
```

```
        int i;
```

```
        char ch[2];
```

```
    };
```

```
    union a u;
```

```
    u.ch[0]=3;
```

```
    u.ch[1]=2;
```

```
    printf("%d,%d,%d", u.ch[0], u.ch[1], u.i)
```

```
    return 0;
```

```
}
```

3 2 515

Question:

Find the output

```
#include<stdio.h>
```

```
void main( )
```

```
{
```

```
    int n[3][3] = {
```

```
        2, 4, 3,
```

```
        6, 8, 5,
```

```
        3, 5, 1
```

```
    } ;
```

```
    int i, j ;
```

```
    for ( i = 0 ; i <= 2 ; i++ )
```

```
        for ( j = 0 ; j <= 2 ; j++ )
```

```
            printf ( "%d*%d", n[i][j], *( *(
```

```
    )
```

2*24*43*36*68*85*53*35*51*1

Question:

Find the output

```
#include<stdio.h>
```

```
int main(){
```

```
    for(int i=2;i>0;i--){
```

```
        printf("-%d\n" ,
```

```
    }
```

```
    return 0;
```

```
}
```

Question:

Find the output

```
#include <stdio.h>
int magic(int a){
    return a*(a+1)*(2*a+1);
}

int main(){
    int i=0, n=100, count=0;
    while(i<n){
        if(magic(i)%3==0){
            count++;
        }
        i++;
    }
    printf("%d", count);
    return 0;
}
```


Question:

Find the output

```
#include<stdio.h>
```

```
void main()
```

```
{
```

```
    int i=-3,j=2,k=0,m;
```

```
    m=++i || ++j && ++k;
```

```
    printf("%d%d%d%d",i,j,k,m);
```

```
}
```

Find the output

```
#include <stdio.h>
#define once int
#define matches ==
#define doesnt_like !=
#define joins_them +
#define are_friends ;
#define friend1 49
#define friend2 7
#define is_more_than >
#define dies =0
#define twice_himself *b
#define joins_with +=
#define is_alive !=0

int main(){
    once a, b are_friends
    a = friend1;
    b = friend2;
    if(b is_more_than a){
        a dies;
    }else if(b twice_himself matches a){
        a joins_with b;
    }

    if(a is_alive){
        printf("%d", b joins_with a);
    }else{
        printf("a died");
    }
}
```

What is the output?

```
#include<stdio.h>

void calculate(char *a, int i, int n);
void swap (char *x, char *y);
int m = 0;
void main()
{
    char str[10] = "ZOHO";
    int len=0,i=0;
    len = strlen(str);
    calculate(str, 0, len-1);
    printf("%d\n",m);
}

void swap (char *x, char *y) {
    char temp;
    temp = *x;
    *x = *y;
    *y = temp;
}

void calculate(char *a, int i, int n) {
    int j=0;
    if (i == n){
        m++;
    }
    else {
        for (j = i; j <= n; j++){
            swap((a+i), (a+j));
            calculate(a, i+1, n);
            swap((a+i), (a+j));
        }
    }
}
```