

```
9  #include<stdio.h>
10 int main(){
11     int arr[]={6,12,18,24};
12     int x=0;
13     x=arr[1]+(arr[1]=2);
14     printf("%d",x);
15     return 0;
16 }
17
18
19
20
21
22
```

input

```
9  #include<stdio.h>
10 #include<conio.h>
11 int f(int num){
12     return num*5;
13 }
14 void main(){
15     int i=3,val;
16     val=sizeof f(i)+ +f(i=1)+ +f(i-1);
17     printf("%d %d",val,i);
18 }
19
20
21
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24
25
26
```

```
9  #include<stdio.h>
10 #include<conio.h>
11
12 float avg(float x,float y,float z){
13     return (x+y+z)/3;
14 }
15 float avg(float,float,float);
16 void main(){
17     float p=1,q=2,r=-2,a;
18     a=avg(p,(q=4,r=-12,q),r);
19     printf("%f",a);
20 }
21
22
23
24
25
26
27
28
```

-2.333333

4)

```
9  #include <stdio.h>
10
11
12  int main() {
13      int x = 5;
14      int *p = &x;
15      printf("%d", ++(*p));
16      return 0;
17  }
18
19
20
21
22
23
24
25
26
27
28
```


5)

```
9  #include <stdio.h>
10
11 int main() {
12     int c[ ]={2.8,3.4,4,6.7,5};
13     int j,*p=c,*q=c;
14     for(j=0;j<5;j++) {
15         printf(" %d ",*c);
16         ++q; }
17     for(j=0;j<5;j++){
18         printf(" %d ",*p);
19         ++p; }
20
21 }
22
23
24
25
26
27
28
```



2 2 2 2 2 2 3 4 6 5

```
9  #include <stdio.h>
10 void display(char *string)
11 {
12     printf("%s",string);
13 }
14 int main() {
15     char string[]="Hello World";
16     display(string);
17
18 }
19
20 |
21
22
23
24
25
26
27
28
```

✓ ↩ 📄
Hello World

7)

```
1  #include <stdio.h>
2
3  int main() {
4      int n = 5;
5      int i, j, k;
6
7      for (i = 1; i <= n; i++) {
8          for (j = 1; j <= n - i; j++) {
9              printf(" ");
10         }
11         for (k = 1; k <= i; k++) {
12             printf("%d", k);
13         }
14         printf("\n");
15     }
16
17     return 0;
18 }
19
```



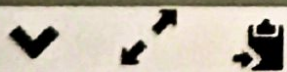
```
1
12
123
1234
12345
```

```
1  #include <stdio.h>
2
3  int main() {
4      int N, X;
5      scanf("%d %d", &N, &X);
6      int arr[N];
7      for(int i=0; i<N; i++) {
8          scanf("%d", &arr[i]);
9      }
10     int index = -1;
11     for(int i=0; i<N; i++) {
12         if(arr[i] == X) {
13             index = i;
14             break;
15         }
16     }
17     printf("%d", index);
18     return 0;
19 }
20
```

5
2
5 3 2 2 4

9)

```
9  #include <stdio.h>
10 #include "string.h"
11 typedef struct stu1{
12     char name1[6];
13     char name2[6];
14     double marks;
15 }STU1;
16 void main(){
17     STU1 s1={"rohit","kumar",87.43},*p1;
18     char *p;
19     p1=&s1;
20     p=memchr(p1,'u',sizeof(STU1));
21     printf("%s",p);
22 }
23
24
25
26
27
28
```



umar

10)

```
9  #include <stdio.h>
10 #define square(x) x*x
11 void main()
12 {
13     int i;
14     i = 64/square(4);
15     printf("%d",i);
16 }
17
18
19
20
21
22
23
24
25
26
27
28
```