

main.c



Run

Output

Clear

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

```
/tmp/hZSV7VGpBJ.o
Index of 9 is 3
```

main.c



Run

Output

Clear

```
1 #include "string.h"
2 typedef struct stu1{
3     char name1[6];
4     char name2[6];
5     double marks;
6 }STU1;
7 void main(){
8     STU1 s1={"rohit","kumar",87.43},*p1;
9     char *p;
10    p1=&s1;
11    p=memchr(p1,'u',sizeof(STU1));
12    printf("%s",p);
13 }
14
```

```
/tmp/hZSV7VGpBJ.o
umar
```

main.c

Run

Output

Clear

```
1
2 #define square(x) x*x
3 main()
4 {
5     int i;
6     i = 64/square(4);
7     printf("%d",i);
8 }
```

/tmp/hZSV7VGpBJ.o
64

main.c



Run

Output

Clear

1 #include<stdio.h>

2 int main()

3 {

4 int arr[]={6,12,18,24};

5 int x=0;

6 x=arr[1]+(arr[1]=2);

7 printf("%d",x);

8 return 0;

9 }

10

/tmp/2wcrcX0GVD.o

14

main.c



Run

Output

Clear

```
1 #include<stdio.h>
2 void main(){
3     int i=3,val;
4     val=sizeof f(i)+ +f(i=1)+ +f(i-1);
5     printf("%d %d",val,i);
6 }
7 int f(int num){
8     return num*5;
9 }
10
11
```

/tmp/2wcrcX0GVD.o

9 1

main.c



Run

Output

Clear

```
1  #include<stdio.h>
2  float avg(float,float,float);
3  void main(){
4      float p=1,q=2,r=-2,a;
5      a=avg(p,(q=4,r=-12,q),r);
6      printf("%f",a);
7  }
8  float avg(float x,float y,float z){
9      return (x+y+z)/3;
10 }
11
```

```
/tmp/2wcrcX0GVD.o
-2.333333|
```

main.c

Run

Output

Clear

```
1 #include <stdio.h>
2
3 int main(void) {
4     int p = 5;
5     int *ptr = &p;
6     printf("%d", ++(*ptr));
7     return 0;
8 }
```

/tmp/hZSV7VGpBJ.o
6

main.c

Run

Output

Clear

```
1  #include <stdio.h>
2
3  void display(char *string);
4
5  int main(void)
6  {
7      char string[] = "Hello World";
8      display(string);
9      return 0;
10 }
11
12 void display(char *string)
13 {
14     printf("%s", string);
15 }
16
```

```
/tmp/hZSV7VGpBJ.o
Hello World
```


main.c

Run

Output

Clear

```
1 #include<stdio.h>
2 main()
3 {
4     int c[ ]={2.8,3.4,4,6.7,5};
5     int j,*p=c,*q=c;
6     for(j=0;j<5;j++) {
7         printf(" %d ",*c);
8         ++q; }
9     for(j=0;j<5;j++){
10        printf(" %d ",*p);
11        ++p; }
12 }
```

/tmp/hZSV7VGpBJ.o
2 2 2 2 2 2 3 4 6 5

main.c

Run

Output

Clear

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

/tmp/hZSV7VGpBJ.o
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5