



```
1 #include <stdio.h>
2 int main()
3 {
4     int i,j,k=1,marks[3][3];
5     printf("enter the marks of the students");
6     for(i=0;i<3;i++)
7         for(j=0;j<3;j++)
8             scanf("%d",&marks[i][j]);
9     for(i=0;i<3;i++)
10    {
11        printf("\nmarks of students %d is",k);
12        for(j=0;j<3;j++)
13            printf("%4d",marks[i][j]);
14        k=k+1;
15    }
16 }
```

## Output

enter the marks of the students 88 99 66 44 67 89 98 97 91

marks of students 1 is 88 99 66

marks of students 2 is 44 67 89

marks of students 3 is 98 97 96

==== Code Execution Successful ===

in.c



```
1 int avg()
2 {
3     int arr[n];
4     for(int i=0;i<n;i++)
5     {
6         scanf("%d",&arr[i]);
7         sum=sum+arr[i];
8     }
9     int avg=sum/n;
10    return avg;
11 }
12 int main()
13 {
14     printf("enter 10 elements to array");
15     int res=avg();
16     printf("average of all array elements is%d",res);
17     return 0;
18 }
```

## Output

```
enter 10 elements to array10 20 30 40 50 60 70 80 90 100
average of all array elements is55
```

```
==== Code Execution Successful ===
```

**main.c****Run****Output**

```
7     int arr[i];
8     printf("%d",arr[i]);
9 }
10 int main()
11 {
12     printf("enter the size of an array:");
13     scanf("%d",&n);
14     int arr[n];
15     printf("enter the elements of an array:");
16     for(int i=0;i<n;i++)
17     {
18         scanf("%d",&arr[i]);
19     }
20     array(arr,n);
21     return 0;
22 }
23 }
24
25
26
```

```
* enter the size of an array:4
* enter the elements of an array:45 67 32 78
* even elements of an array are:3278
```

==== Code Execution Successful ===

```
1 #include <stdio.h>
2 int main()
3 {
4     int arr[5]={10,20,30,40,50},i;
5     for(i=0;i<5;i++)
6     {
7         printf("%d\n",arr[i]);
8     }
9     return 0;
10 }
11 |
12
13
```

==== Code Execution

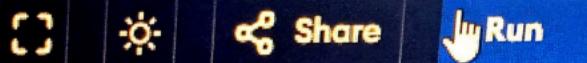


```
1 #include <stdio.h>
2 int r;
3 int areaofcir()
4 {
5     float PI=3.14,area;
6     area=PI*r*r;
7     return area;
8 }
9 int main()
10 {
11     printf("enter the radius of circle");
12     scanf("%d",&r);
13     float result=areaofcir(r);
14     printf("area of circle is:%.2f",result);
15 }
16
17
18
```

enter the radius of circle?  
area of circle is:153.00

--- Code Execution Su...

## main.c



```
1 #include <stdio.h>
2 int a,b,c;
3 int large()
4 {
5     if(a>b&&a>c)
6         return a;
7     else if(b>a&&b>c)
8         return b;
9     else
10        return c;
11 }
12 int main()
13 {
14     printf("enter the value of a,b and c:");
15     scanf("%d%d%d",&a,&b,&c);
16     int result=large(a,b,c);
17     printf("%d is large",result);
18
19 }
20
```

## Output

\* enter the value of a,b and c:67 89 90  
90 is large

==== Code Execution Successful ===

## main.c



Run

Output

```
1 #include <stdio.h>
2 int main()
3 {
4     int arr[10],i,sum=0;
5     printf("enter the 10 elements of an array");
6     for(i=0;i<10;i++)
7     {
8         scanf("%d",&arr[i]);
9         sum=sum+arr[i];
10    }
11    printf("sum of all elements in array are %d",sum);
12    return 0;
13 }
```

enter the 10 elements of an array  
2  
3  
4  
5  
6  
7  
8  
9  
10

sum of all elements in array are 55

==== Code Execution Successful ===