

**Programiz**

C Online Compiler

Programiz PRO

main.c

Output



```
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           );
16     scanf("%d%d%d",&a,&b,&c);
17     int result=large(a,b,c);
18     printf("%d is large", result);
19 }
```

Run



main.c

Output



```
enter the value of a,b and c:55 76 89
89 is large
```

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



main.c

Output



```
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 }
```

Run



main.c

Output



```
enter the radius of circle5
```

```
Area of Circle is:78.00
```

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



main.c

Output



```
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 }
```

Run



main.c

Output



10

20

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=== Code Execution Successful ===

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main.c

Output



```
1  #include<stdio.h>
2  int main()
3  {
4      int arr[10],i,sum=0;
5      printf("enter 10 elements of an array"
6             );
7      for(i=0;i<10;i++)
8      {
9          scanf("%d",&arr[i]);
10         sum=sum+arr[i];
11     }
12     printf("sum of all the elements are:%d"
13            ,sum);
14     return 0;
15 }
```

Run



main.c

Output



```
enter 10 elements of an array10 25 54 87 900 65
44 788 099 121
sum of all the elements are:2193
```

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





main.c

Output



```
1  #include<stdio.h>
2  int n,size;
3  int array(int arr[],int size)
4  {
5      printf("even elements of an array are:")
        );
6      for(int i=0;i<n;i++)
7          if(arr[i]%2==0)
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 }
```

Run



main.c

Output



```
enter the size of an array:5
enter the elements of an array:10 25 35 46 55
even elements of an array are:1046
```

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

main.c

Output



```
1  #include<stdio.h>
2  int n=10,i,sum=0;
3  int avg()
4  {
5      int arr[n];
6      for(int i=0;i<n;i++)
7      {
8          scanf("%d",&arr[i]);
9          sum=sum+arr[i];
10     }
11     int avg=sum/n;
12     return avg;
13 }
14 int main()
15 {
16     printf("enter 10 elements to array");
17     int res=avg();
18     printf("average of all array elements
19           is%d",res);
20     return 0;
21 }
```

Run



main.c

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

Output



```
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             );
7      for(i=0;i<3;i++)
8          for(j=0;j<3;j++)
9              scanf("%d",&marks[i][j]);
10         for(i=0;i<3;i++)
11             {
12                 printf("\nmarks of students
13                        %d is",k);
14                 for(j=0;j<3;j++)
15                     printf("%4d",marks[i][j]);
16                 k=k+1;
17             }
```

Run



main.c

Output



```
enter the marks of the students99 98 89 90 67 96
88 87 90 98
```

```
marks of students 1 is 99 98 89
```

```
marks of students 2 is 90 67 96
```

```
marks of students 3 is 88 87 90
```

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