File   Edit   Search   View   Encoding   Language   Settings   Tools   Macro   Run   Plugins   Window   ?
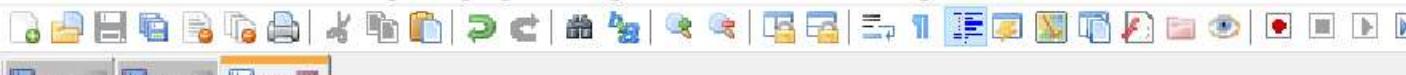
m.c   n.c

```c
#include <stdio.h>

void main(){

    int arr[10];
    for (int i=0; i<10; i++){
        printf("Please Enter number %d : ",i);
        scanf(" %d",&arr[i]);
    }

    printf("The values in reversed order \n");

    for (int i=9; i>=0; i--){
        printf ("%d\n",arr[i]);
    }

}
```

```
Windows PowerShell

PS C:\Users\pc\Documents\C (notepad)> gcc m.c -o m.exe
PS C:\Users\pc\Documents\C (notepad)> ./m.exe
Please Enter number 0 : 1
Please Enter number 1 : 2
Please Enter number 2 : 3
Please Enter number 3 : 4
Please Enter number 4 : 5
Please Enter number 5 : 6
Please Enter number 6 : 7
Please Enter number 7 : 8
Please Enter number 8 : 9
Please Enter number 9 : 10
The values in reversed order
10
9
8
7
6
5
4
3
2
1

PS C:\Users\pc\Documents\C (notepad)>
```

File   Edit   Search   View   Encoding   Language   Settings   Tools   Macro   Run   Plugins   Window   ?

m.c   n.c   o.c

```c
#include <stdio.h>

void main(){

    int arr[10],sum=0;
    for (int i=0; i<10; i++){
        printf("Please Enter number %d : ",i);
        scanf(" %d",&arr[i]);
        sum += arr[i];
    }

    printf ("Sum of array elements = %d\n",sum);
    printf ("Average of array elements = %.2f",sum/10.0);


}
```

Windows PowerShell

```
PS C:\Users\pc\Documents\C (notepad)> gcc o.c -o o.exe
PS C:\Users\pc\Documents\C (notepad)> ./o.exe
Please Enter number 0 : 10
Please Enter number 1 : 20
Please Enter number 2 : 30
Please Enter number 3 : 40
Please Enter number 4 : 50
Please Enter number 5 : 60
Please Enter number 6 : 70
Please Enter number 7 : 80
Please Enter number 8 : 90
Please Enter number 9 : 100
Sum of array elements = 550
Average of array elements = 55.00
PS C:\Users\pc\Documents\C (notepad)>
```

C source file

```c
#include <stdio.h>

void main(){

    int search=0, val;
    int arr[10];

    for (int i=0; i<10; i++){
        printf("Please Enter number %d : ",i);
        scanf(" %d",&arr[i]);
    }

    printf("Please Enter a value to search about : ");
    scanf(" %d",&val);

    for (int i=0; i<10; i++){
        if (val==arr[i]){
            search++;
        }
    }

    if (search != 0){
        printf("Value exists %d times",search);
    }
    else {
        printf("Value is not exist");
    }
```

```
Windows PowerShell

PS C:\Users\pc\Documents\C (notepad)> gcc n.c -o n.exe
PS C:\Users\pc\Documents\C (notepad)> ./n.exe
Please Enter number 0 : 1
Please Enter number 1 : 2
Please Enter number 2 : 3
Please Enter number 3 : 4
Please Enter number 4 : 5
Please Enter number 5 : 6
Please Enter number 6 : 7
Please Enter number 7 : 8
Please Enter number 8 : 9
Please Enter number 9 : 10
Please Enter a value to search about : 5
Value exists 1 times
PS C:\Users\pc\Documents\C (notepad)>
```