

```
#include <stdio.h>

int main()
{
    int arr[50], pos, i, n, value;

    printf("Enter number of elements in the array\n");
    scanf("%d", &n);

    printf("Enter %d elements\n", n);
    for (i = 0; i < n; i++){
        scanf("%d", &arr[i]);
    }

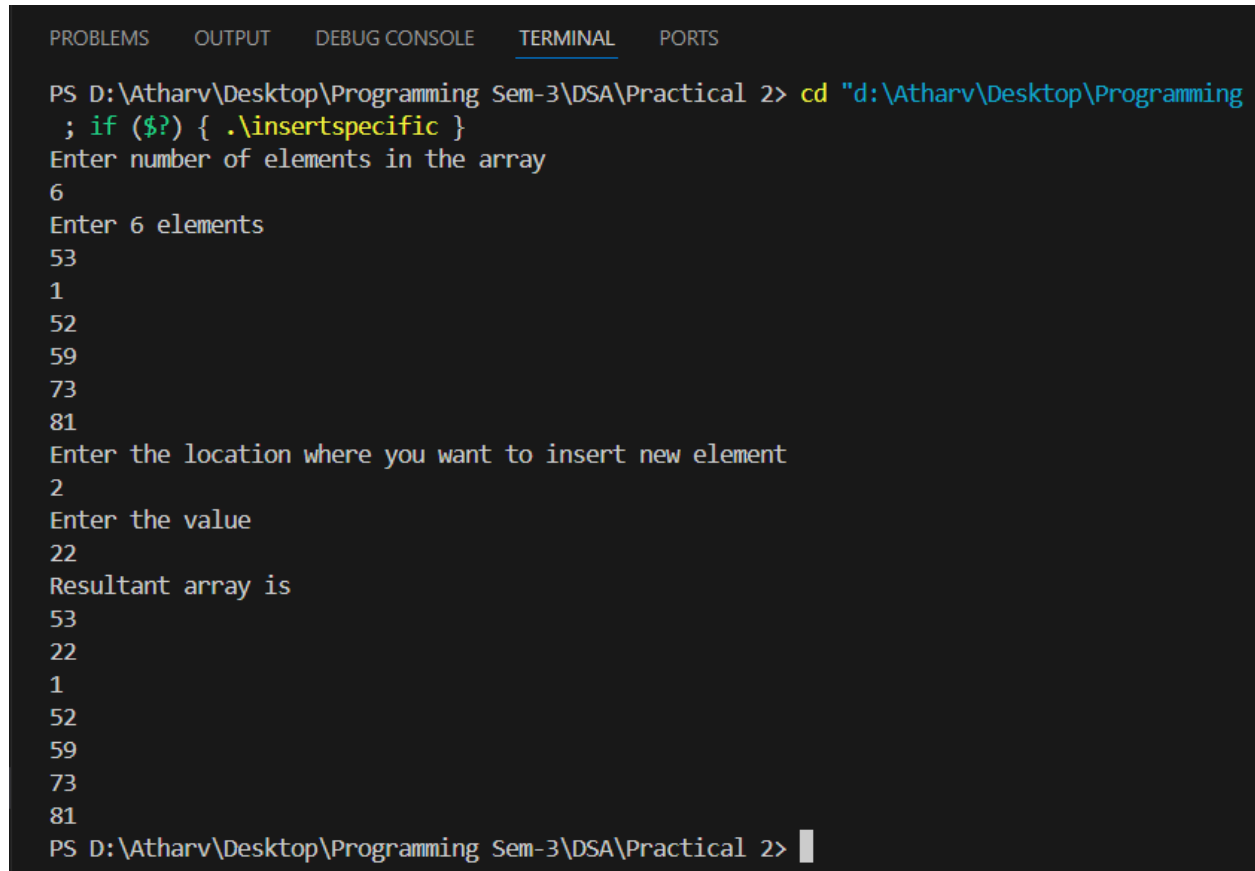
    printf("Enter the location where you want to insert new element\n");
    scanf("%d", &pos);

    printf("Enter the value\n");
    scanf("%d", &value);

    for (i = n - 1; i >= pos - 1; i--){
        arr[i+1] = arr[i];
    }
    arr[pos-1] = value;

    printf("Resultant array is\n");
    for (i = 0; i <= n; i++){
```

```
    printf("%d\n", arr[i]);  
}  
  
return 0;  
}
```



The screenshot shows a terminal window with tabs for PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL, and PORTS. The TERMINAL tab is active, displaying the following text:

```
PS D:\Atharv\Desktop\Programming Sem-3\DSA\Practical 2> cd "d:\Atharv\Desktop\Programming  
; if ($?) { .\insertspecific }  
Enter number of elements in the array  
6  
Enter 6 elements  
53  
1  
52  
59  
73  
81  
Enter the location where you want to insert new element  
2  
Enter the value  
22  
Resultant array is  
53  
22  
1  
52  
59  
73  
81  
PS D:\Atharv\Desktop\Programming Sem-3\DSA\Practical 2> |
```