

```
#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 value to insert at first\n");
    scanf("%d", &value);

    for (i = n - 1; i >= 0; i--){
        arr[i+1] = arr[i];
    }

    arr[0] = value;

    printf("Resultant array is\n");

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

    return 0;
```

}

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

PS D:\Atharv\Desktop\Programming Sem-3\DSA\Practical 1> cd "d:\Atharv\Desktop\Programming
($?) { .\insertfirst }
Enter number of elements in the array
5
Enter 5 elements
12
53
5
354
5
Enter the value to insert at first
4
Resultant array is
4
12
53
5
354
5
PS D:\Atharv\Desktop\Programming Sem-3\DSA\Practical 2> 
```