

```

2
3 int main() {
4     int n;
5     printf("Enter number of elements: ");
6     scanf("%d", &n);
7
8     int arr[100]; // big enough size
9     printf("Enter %d elements: ", n);
10    for (int i = 0; i < n; i++) {
11        scanf("%d", &arr[i]);
12    }
13
14    int pos, val;
15    printf("Enter position and value: ");
16    scanf("%d %d", &pos, &val);
17
18    // shift elements to the right
19    for (int i = n; i > pos; i--) {
20        arr[i] = arr[i - 1];
21    }
22
23    arr[pos] = val;
24    n++;
25
26    printf("Array after insertion: ");
27    for (int i = 0; i < n; i++) {

```

```
PS C:\Users\ACER\Desktop\itscbe> gcc 34.c
PS C:\Users\ACER\Desktop\itscbe> ./a.exe
Enter number of elements: 3
Enter 3 elements: 3 4
5
Enter position and value: 1
3
Array after insertion: 3 3 4 5
PS C:\Users\ACER\Desktop\itscbe> |
```

[illegible]

FileEditSelectionViewGoRunTerminalHelp

itscbe

11C furn.cC mul.cC 34.cXC cur.cC sw.cC goo.cC arr.cC str.cC koni.cC se.c2day.exe

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```
#include <stdio.h>

int main() {
    int n;
    printf("Enter number of elements: ");
    scanf("%d", &n);

    int arr[100];
    printf("Enter %d elements: ", n);
    for (int i = 0; i < n; i++) {
        scanf("%d", &arr[i]);
    }

    int pos;
    printf("Enter position to delete: ");
    scanf("%d", &pos);

    // shift elements to the left
    for (int i = pos; i < n - 1; i++) {
        arr[i] = arr[i + 1];
    }

    n--; // size decreases

    printf("Array after deletion: ");
    for (int i = 0; i < n; i++) {
```

PROBLEMS4

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

PS C:\Users\ACER\Desktop\itscbe> gcc 34.c

PS C:\Users\ACER\Desktop\itscbe> ./a.exe

Enter number of elements: 3

Enter 3 elements: 3

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Enter position to delete: 4

Array after deletion: 3 4

PS C:\Users\ACER\Desktop\itscbe>

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