



OnlineGDB beta

online compiler and debugger for c/c++

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Language C

main.c

```
1  /*****
2  Question: Create an array named "numbers" with the following values: [1, 2, 3, 4, 5]. Create a pointer variable named "ptr" and assign it the address of the first element of the array.
3  a) Insert the value 6 at the memory location pointed to by "ptr".
4  b) Delete the value stored in the memory location pointed to by "ptr".
5  Name: Vinayak Kumar Singh
6  Registration Number: 23MCA1030
7  *****/
8  #include <stdio.h>
9  int main() {
10     int numbers[] = {1, 2, 3, 4, 5};
11     int *ptr = &numbers[0]; // first element to "ptr"
12     // a) Insert the value 6 at the memory location pointed to by "ptr".
13     *ptr = 6;
14     printf("array after insertion: ");
15     for (int i = 0; i < 5; i++) {
16         printf("%d ", numbers[i]);
17     }
18     printf("\n");
19     // b) Delete the value stored in the memory location pointed to by "ptr".
20     *ptr = 0;
21     printf("array after deletion: ");
22     for (int i = 0; i < 5; i++) {
23         printf("%d ", numbers[i]);
24     }
25     printf("\n");
26     return 0;
27 }
28
```

input

array after insertion: 6 2 3 4 5
array after deletion: 0 2 3 4 5

...Program finished with exit code 0
Press ENTER to exit console.