

```
#include<stdio.h>

void main()
{
    int *ptr1, *ptr2, *ptr3;
    int arr[3] = { 100, 200, 300 };

    ptr1 = arr;          /* arr == &arr[0] */
    ptr2 = &arr[1];
    ptr3 = arr+2;
    printf("%d %d %d\n", *ptr1,*ptr2,*ptr3);
    printf("%d\n", ptr3 - ptr2);
    printf("%d\n", ptr3 - ptr1);
    printf("%d\n", *(ptr3--)); /* ++ptr1 == ptr1 + 1 == ptr2 */
    printf("%d\n", *--ptr3); /* ++ptr1 == ptr2 + 1 == ptr3 */
}
```