

```

1. int main()
{
    int arr[6]={ 11,22,33,44,55,66};
    int *ptr=arr;

    printf("%d\n",*ptr++);
    printf("%d\n",++*ptr);
    printf("%d\n",*++ptr);
    ptr[1]++;
    ptr++;
    ptr[-1]++;
    ptr[0]++;
    printf("%d %d %d %d %d %d\n",arr[0],arr[1],arr[2],arr[3],arr[4],arr[5]);

}

2. int main()
{
    int arr[6]={ 11,22,33,44,55,66};
    printf("%d\n",++*arr);
    printf("%d\n",*arr++);
}

3. int main()
{
    char arr[10]={ '0','1', '2', '3', '4', '5', '6','7', '8', '9'};
    char *cp;
    int *ip;
    cp=ip=arr;
    printf("%x %x\n", *cp,*ip);
    cp++;
    ip++;
    printf("%x %x\n",*cp,*ip);
}

4.
void print(char *ptr, int n)
{
    if(n)
        print(ptr+1, n-1);
    printf("%c",*ptr);
}

int main()
{
    char arr[]={ 'a', 'b', 'c', 'd', 'e'};
    print(arr,sizeof(arr));
}

```

5.

```
main()
{
    int a[ ]={2,3,4,5,6};
    int i=0;
    printf("%d",a[i++]+i[a+1]);
}
```
6.

```
main()
{
    int a[3],i;
    for(i=0;i<3;i++)
        a[i]=i++;
    for(i=0;i<3;i++)
        printf("%d",a[i]);
}
```
7.

```
int main( )
{
    int a[ 5]={11,22,33,44,55};
    int b[5];
    b=a;
    printf("%d %d\n",*a,*b);
}
```
8.

```
void fun(int *ptr, int n)
{
    if(n){
        fun(ptr+1,n-1)
        ++*ptr;
    }
}

int main()
{
    int arr[ ]={ 11,22,33,44,55},i;
    fun(arr,sizeof(arr)/sizeof(*arr));
    for(i=0;i<5;i++)
        printf("%d,",arr[i]);
}
```