

```
#include <stdio.h>

int main()
{
    int i, a[100];
    for(i=0; i<5; i++){
        scanf("%d", a + i);
        printf("%d\n", *(a+i));
    }

    return 0;
}
```

C:\Users\ldava\Downloads\lab13.1.exe

```
1 2 3 4 5
1
2
3
4
5
```

Process exited after 2.965 seconds with return value 0
Press any key to continue . . .

```
1 #include<stdio.h>
2 int size(int *begin , int *end)
3 {
4     return (end-begin)*sizeof(int);
5 }
6 int main(){
7     int i, n;
8     scanf("%d", &n);
9     int a[n];
10    printf("%d\n", size(a, a + n));
11    return 0;
12 }
```

C:\Users\ldava\Downloads\lab13.2.exe

```
5
20
```

Process exited after 2.955 seconds with return value 0
Press any key to continue . . .

```
1 #include<stdio.h>
2 int *find(int *begin , int *end, int x){
3     int *i;
4     int y=40;
5     for(i=begin; i<=end; i++)
6         if(*i==x) {
7             y=x;
8             return i;}
9     return NULL;
10 }
11
12 int main(){
13     int a[5] = {3, 7, 1, 2, 4};
14     int *p, x; printf("xaix too: ");
15     scanf("%d", &x);
16     p = find(a, a + 5, x);
17     if (p == NULL) printf("%d too oldsongui\n", x);
18     else printf("%d ene too %d bairlald oldloo\n", x, p - a);
19     return 0;
20 }
```

C:\Users\ldava\Downloads\lab13.3.exe

```
xaix too: 7
7 ene too 1 bairlald oldloo
```

Process exited after 2.824 seconds with return value 0
Press any key to continue . . .

```

1  #include<stdio.h>
2
3  int *find(int *begin , int *end, int x, int y){
4      int *i;
5      for(i=begin; i<=end; i++)
6          if(*i == x)
7              *i=y;
8
9      return NULL;
10 }
11
12 int main(){
13     int a[5] = {3, 7, 1, 2, 4};
14     int *p, x,y; printf("Xaix too: ");
15     printf("x="); scanf("%d", &x);
16     printf("y="); scanf("%d", &y);
17     p = find(a, a + 5, x, y);
18     for(int i=0; i<5; i++){
19         printf("%d\n", *(a+i));
20     }
21     return 0;

```

```

C:\Users\ldava\OneDrive\Documents\c hel\lab13.4.exe

Xaix too: x=4
y=3
3
7
1
2
3

-----
Process exited after 2.833 seconds with return value 0
Press any key to continue . . .

```

```

1  #include<stdio.h>
2  void reverse(int *begin , int *end){
3      int temp;
4      for(int i=0;i<(end-begin)/2;i++){
5          temp=*(begin);
6          *(begin)=*(end);
7          *(end)=temp;
8      }
9  }
10 int main(){
11     int a[5] = {3, 7, 1, 2, 4};
12     reverse(a, a + 3);
13     int i;
14     for (i = 0; i < 5; i++)
15         printf("%d ", a[i]);
16     return 0;
17 }

```

```

C:\Users\ldava\Downloads\lab13.5.exe

2 7 1 3 4

-----
Process exited after 1.103 seconds with return value 0
Press any key to continue . . .

```

```
#include<stdio.h>
void read(int *begin, int *end);
void print(int *begin, int *end);
main()
{
    int i, a[100];
    read(a, a+4);
    print(a, a+4);
}
void read(int *begin, int *end)
{
    int n, i;
    n = end - begin + 1;
    for(i=0; i<n; i++)
        scanf("%d",begin+i);
}
void print(int *begin, int *end)
{
    int n, i;
    n = end - begin + 1;
    for(i=0; i<n; i++)
        printf("%d ",*(begin+i));
}
```

```
C:\Users\ldava\Downloads\lab13-gert1.exe
5 6 7 3 1
5 6 7 3 1
-----
Process exited after 3.456 seconds with return value 0
Press any key to continue . . .
```

```
#include<stdio.h>
void read(int *p);
int main()
{
    int a[100], i;
    for(i=0; i<5; i++)
        read(a+i-2);
    for(i=0; i<5; i++)
        printf("%d ",*(a+i));
}
void read(int *p)
{
    scanf("%d",p+2);
}
```

```
C:\Users\ldava\Downloads\lab13-gert2.exe
2 3 4 5 6
2 3 4 5 6
-----
Process exited after 3.392 seconds with return value 0
Press any key to continue . . .
```

```
#include<stdio.h>
int *find(int a[][100], int n, int m);
int main()
{
    int n, m, a[100][100], *p, i, k;
    scanf("%d%d",&n,&m);
    for(i=0; i<n; i++)
        for(k=0; k<m; k++)
            scanf("%d",&a[i][k]);
    p = find(a, n, m);
    for(k=0; k<m; k++)
        printf("%d ",*(p+k));
}
int *find(int a[][100], int n, int m)
{
    int i, k, max, mor;
    max = a[0][0];
    for(i=0; i<n; i++)
    {
        for(k=0; k<m; k++)
        {
            if(max < a[i][k] && a[i][k]%2==0)
            {
                max = a[i][k];
                mor = i;
            }
        }
    }
    return a[mor];
}
```

```
C:\Users\ldava\Downloads\lab13-gert3.exe
3 3
3 3 4
4 4 5
5 5 5
3 3 4
-----
Process exited after 15.56 seconds with return value 0
Press any key to continue . . .
```