

```
1 #include <stdio.h>
2 #include <stdlib.h>
3 #define DIM 100
4
5 int main(void){
6     int vPri[DIM],
7         vInv[DIM],
8         dim,
9         j, k;
10
11     do{
12         do{
13             printf("\nIntroduce dimension del vector (maximo 100 / < 0 para
salir): ");
14             scanf("%d", &dim);
15             }while(dim > DIM);
16
17             for(j = 0; j < dim; j++){
18                 printf("Vector[%d]: ", j+1);
19                 scanf("%d", &vPri[j]);
20             }
21
22             if(dim > 0){
23                 for(j = 0, k = dim-1; j < dim; j++, k--) vInv[k] = vPri[j];
24
25                 printf("\nLista introducida:\n");
26                 for(j = 0; j < dim; j++) printf("%6d", vPri[j]);
27
28                 printf("\nLista invertida:\n");
29                 for(j = 0; j < dim; j++) printf("%6d", vInv[j]);
30             }
31
32         }while(dim ≥ 0);
33
34         printf("\n\n");
35         system("pause");
36         return 0;
37     }
38 }
```