

```
1  #include<stdio.h>
2  #include<string.h>
3
4  int main(){
5      int ara1[5][5]={
6          {1,2,3,4,5},
7          {10,20,30,40,50},
8          {100,200,300,400,500},
9          {1000,2000,3000,4000,5000},
10         {10000,20000,30000,40000,50000}
11     };
12
13     int ara2[5][5];
14
15     int r,c;
16
17     printf("Content of first array (ara1): \n");
18
19     for(r=0;r<5;r++){
20         for(c=0;c<5;c++){
21             printf("%d ",ara1[r][c]);
22         }
23
24         printf("\n");
25     }
26
27     printf("\n");
28
29     //now start copy
30
31     for(r=0;r<5;r++){
32         for(c=0;c<5;c++){
33             ara2[c][r]=ara1[r][c];
34         }
35     }
36
37     printf("Content of second array (ara2): \n");
38
39     for(r=0;r<5;r++){
40         for(c=0;c<5;c++){
41             printf("%d ",ara2[r][c]);
42         }
43
44         printf("\n");
45     }
46
47     return 0;
48 }
```