

```

1  #include <stdio.h>
2  int main(){
3      int a[100][100], b[100][100], c[100][100];
4      int x, y, i, j, k, n, p;
5      scanf("%d%d%d%d", &x, &y, &n, &p);
6      for (i=0; i<x; i++){
7          for (j=0; j<y; j++) scanf("%d", &a[i][j]);
8      }
9      for (i=0; i<x; i++){
10         for (j=0; j<y; j++) printf("%d\t", a[i][j]);
11         printf("\n");
12     }
13     for (i=0; i<n; i++){
14         for (j=0; j<p; j++) scanf("%d", &b[i][j]);
15     }
16     for (i=0; i<n; i++){
17         for (j=0; j<p; j++) printf("%d\t", b[i][j]);
18         printf("\n");
19     }
20     printf("\n\n");
21     for (i=0; i<x; i++){
22         for (j=0; j<p; j++){
23             for(k=0; k<y; k++) c[i][j]+=a[i][k]*b[k][j];
24             printf("%d\t", c[i][j]);
25         }
26         printf("\n");
27     }
28 }

```

Select... — □ ×

```

3 3
3 2
1 2 3
4 5 6
7 8 9

1      2      3
4      5      6
7      8      9

9 6
6 9
7 7

9      6
6      9
7      7

42      45
108     111
174     177

Process returned 0 (0x0)
execution time : 28.250 s

```

```

1  #include <stdio.h>
2  int main(){
3      int a[100][100], b[100][100];
4      int x, y, i, j, d;
5      scanf("%d%d", &x, &y);
6      for(i=0; i<x; i++){
7          for(j=0; j<y; j++) scanf("%d", &a[i][j]);
8      }
9      for(i=0; i<x; i++){
10         for(j=0; j<y; j++) printf("%d\t", a[i][j]);
11         printf("\n");
12     }
13     printf("\n\n");
14     d= a[0][0]*((a[1][1]*a[2][2])-(a[2][1]*a[1][2]))
15     printf("%d", d);
16 }

```

```

Select "E:\Class\Ask.c\Solvi..."
3 3
5 4 8
9 4 2
1 3 5
5      4      8
9      4      2
1      3      5

82
Process returned 0 (0x0)
execution time : 14.531 s

```

```

1  #include<stdio.h>
2  int main(){
3      int n, m, a, b;
4      scanf("%d%d%d", &n, &m, &a);
5      int arr[n];
6      for(int i=0; i<n; i++) scanf("%d", &arr[i]);
7      for(int i=0; i<n; i++) printf("%d\t", arr[i]);
8      printf("\n");
9      b=m-1;
10     for(int i=n; i>=b; i--) arr[i]=arr[i-1];
11     arr[b]=a;
12     n++;
13     for(int i=0; i<n; i++) printf("%d\t", arr[i]);
14 }

```

Select "E:\Class\Ask.c\Solving lab codes\@2nd Semester\Lab 7\14. A...

```

5 3 25
1 2 3 4 5
1      2      3      4      5
1      2      25     3      4      5
Process returned 0 (0x0)   execution time :
6.741 s
Press any key to continue.

```

```

1  #include<stdio.h>
2  int main(){
3      int n, m, a;
4      scanf("%d%d", &n, &m);
5      int arr[n];
6      for(int i=0; i<n; i++) scanf("%d", &arr[i]);
7      for(int i=0; i<n; i++) printf("%d\t", arr[i]);
8      printf("\n");
9      a=m-1;
10     for(int i=a; i<n-1; i++) arr[i]=arr[i+1];
11     for(int i=0; i<n-1; i++) printf("%d\t", arr[i]);
12 }
13

```

```

5 3
1 2 3 4 5
1      2      3      4      5
1      2      4      5
Process returned 0 (0x0)   execution
time : 5.396 s
Press any key to continue.

```