LAB#9 นางสาวชลธิชา พ่วงเฟื่อง 63090500006

```
//CHONTHICHA PHUANGFUEANG
#include<conio.h>
#include<stdio.h>
int swap(int a[15][15],int m,int n,int c1,int c2);
int main()
{
int a[15][15],i,j,m,n,c1,c2;
    printf("input order of matrix m,n = ");
    scanf("%d,%d",&m,&n);
    printf("input matrix A\n");
    for(i=1;i<=m;i++)
    for(j=1;j<=n;j++)
    {
        printf("a[%d][%d] = ",i,j);
        scanf("%d",&a[i][j]);
    }
    printf("matrix A before swapping");
    for(i=1;i<=m;i++)
    {
        printf("\n");
        for(j=1;j<=n;j++)printf("%5d",a[i][j]);
    }
    printf("\ninput column number for swapping (c1,c2) : ");
    scanf("%d,%d",&c1,&c2);
    swap(a,m,n,c1,c2);
    printf("Output matrix A");
    for(i=1;i<=m;i++)
    {
```

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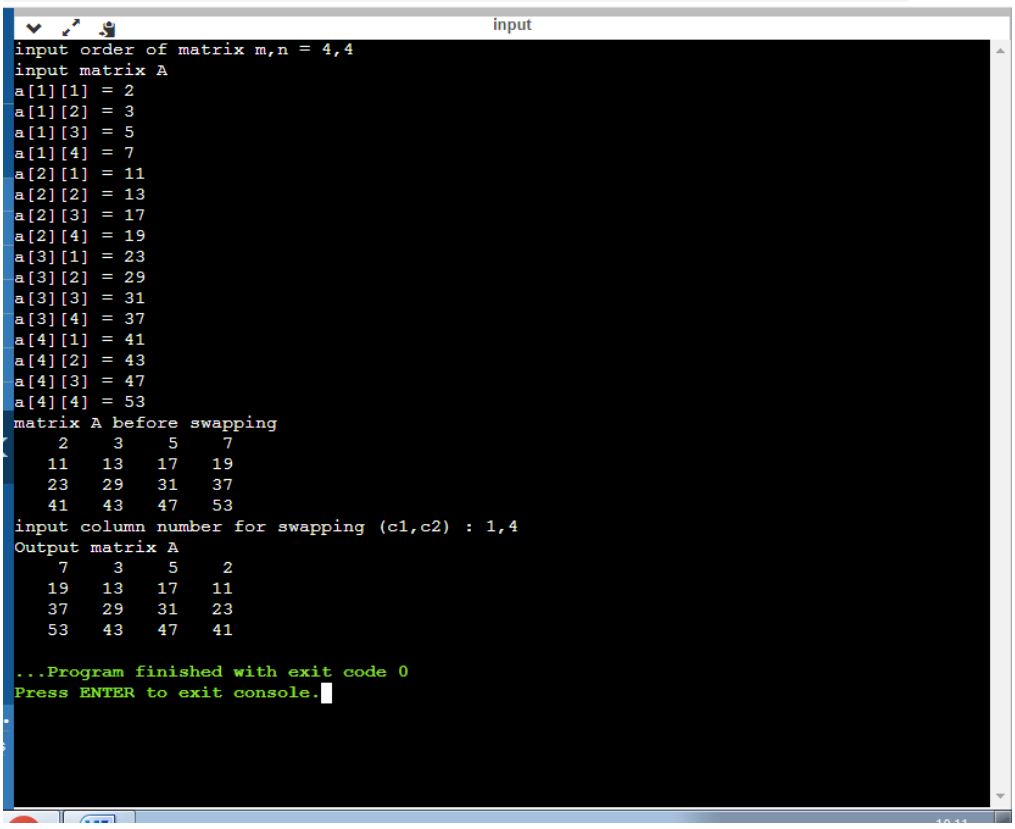
        printf("\n");
        for(j=1;j<=n;j++)printf("%5d",a[i][j]);
    }
getch();
}
int swap(int a[15][15],int m,int n,int c1,int c2)
{
int i,j,temp;
    for(i=1;i<=n;i++)
    { temp = a[i][c1];
        a[i][c1]=a[i][c2];
        a[i][c2]=temp;
    }
getch();
return 0;
}
```



มีต่อหน้าหลัง

```c
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int swap(int a[15][15],int m,int n,int c1,int c2);
int main()
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    scanf("%d,%d",&m,&n);
    printf("input matrix A\n");
    for(i=1;i<=m;i++)
    for(j=1;j<=n;j++)
    {
        printf("a[%d][%d] = ",i,j);
        scanf("%d",&a[i][j]);
    }
    printf("matrix A before swapping");
    for(i=1;i<=m;i++)
    {
        printf("\n");
        for(j=1;j<=n;j++)printf("%5d",a[i][j]);
    }
    printf("\ninput column number for swapping (c1,c2) : ");
    scanf("%d,%d",&c1,&c2);
    swap(a,m,n,c1,c2);
    printf("Output matrix A");
    for(i=1;i<=m;i++)
    {
        printf("\n");
        for(j=1;j<=n;j++)printf("%5d",a[i][j]);
    }
getch();
}
int swap(int a[15][15],int m,int n,int c1,int c2)
{
int i,j,temp;
    for(i=1;i<=n;i++)
    { temp = a[i][c1];
        a[i][c1]=a[i][c2];
        a[i][c2]=temp;
    }
getch();
return 0;
}
```