

/*array concatination*/

```
#include<stdio.h>
```

```
int main()
```

```
{
```

```
    int c[200];
```

```
    int n,m,i;
```

```
    printf("enter the value of n of 1st array\n");
```

```
    scanf("%d",&n);
```

```
    printf("enter the value of m of 2nd array\n");
```

```
    scanf("%d",&m);
```

```
    int a[n],b[m];
```

```
    printf("enter the values of 1st array\n");
```

```
    for(i=0;i<n;i++)
```

```
    {
```

```
        scanf("%d",&a[i]);
```

```
        c[i]=a[i];
```

```
    }
```

```
    int k=i;
```

```
    printf("enter the values of 2nd array\n");
```

```
    for(i=0;i<m;i++)
```

```
    {
```

```
        scanf("%d",&b[i]);
```

```
        c[k]=b[i];
```

```
        k++;
```

```
    }
```

```
    printf("the merged array is\n");
```

```
    for(i=0;i<n+m;i++)
```

```
    {
```

```
        printf("%d\n",c[i]);
```

```
    }
```

```
return 0;
```

```
}
```

```
C:\Users\HP\OneDrive\Desktop\collage work 3rd sem(dada)\array concatenation.exe
5
enter the value of n of 2nd array
5
enter the values of 1st array
1
2
3
4
5
enter the values of 2nd array
6
7
8
9
10
the merged array is
1
2
3
4
5
6
7
8
9
10
-----
Process exited after 15.57 seconds with return value 0
Press any key to continue . . .
```