

**/\*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
12
15
17
20
22
enter the values of 2nd array
11
13
18
19
24
the merged array is
12
15
17
20
22
11
13
18
19
24
-----
Process exited after 29.76 seconds with return value 0
Press any key to continue . . .
```