

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

```
void swap( int *x , int *y )
```

```
{
```

```
    int temp ;
```

```
    temp  = *x ;
```

```
    *x = *y ;
```

```
    *y = temp;
```

```
}
```

```
int main() {
```

```
    int arr[5] = {5,3,8,4,2};
```

```
    int n = 5  ;
```

```
    for(int i = 0 ; i < n - 1 ; i ++ ){
```

```
        for(int j = 0 ; j < n - i -1  ; j ++ ){
```

```
            if(arr[j] > arr[j + 1 ]){
```

```
                swap(&arr[j] , &arr[j + 1 ]);
```

```
            }
```

```
        }
```

```
    }
```

```
printf("final array :¥n ");
```

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

```
    printf("%d ¥n " , arr[i]);
```

```
}
```

```
}
```



