

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

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

```
    int temp = *x;
```

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

```
    *y = temp;
```

```
}
```

```
int main(){
```

```
    int arr[5] = {80,120,60,30,70};
```

```
    int n = 5 ;
```

```
    int min ;
```

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

```
        min = i ;
```

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

```
            if(arr[min] > arr[j] ){
```

```
                min = j ;
```

```
            }
```

```
        }
```

```
        if(min != i ){
```

```
            swap(&arr[min] , &arr[i]);
```

```
        }
```

```
}
```

```
printf("final array \n ");

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

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

}

return 0 ;

}
```

