

(5-1)

 $i < (n-1)$   
 $2 \ 4$ 
 $0 \quad 0 \quad 1 \quad 2 \quad 3 \quad 4 \quad <(n-1)-i$   
 $(4) < 4 (5-1) - 0$ 
 $1 \quad 0 \quad 1 \quad 2 \quad 3$   
 $(3) < 3 (5-1) - 1$ 
 $2 \quad 0 \quad 1 \quad 2$   
 $(2) < 2 (5-1) - 2$ 
 $3 \quad 0 \quad 1$   
 $(1) < 1 (5-1) - 3$ 

(4) F

/\* Bubble sort for Ascending Order \*/

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

```
void main()
```

```
{
```

```
int a[100], n, i, j, temp;
```

```
clrscr();
```

```
printf("\nEnter Array size:");
```

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

```
printf("\nEnter %d Array Elements: \n", n);
```

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

```
{
```