Selection sort

Pseudocode

```
START
   FOR i = 0 to n-1
      Set min_index = i
      FOR j = i+1 to n-1
         IF list[j] < list[min_index] THEN
            Set min_index = j
         END IF
      END FOR
      IF min_index != i THEN
         SWAP(list[i], list[min_index])
      END IF
   END FOR
   PRINT "Sorted list: ", list
END
```

Flowchart