

Insertion sort pseudocode :

```
InsertionSort(A, n)
{
  for i ← 1 to n-1
  {
    value ← A[i]
    hole ← i
    while (hole > 0 & A[hole-1] > value)
    {
      A[hole] ← A[hole-1]
      hole ← hole-1
    }
    A[hole] ← value
  }
}
```

resource collected from

mycodeschool([https://www.youtube.com/watch?v=i-SKeOcBwko&ab\\_channel=mycodeschool](https://www.youtube.com/watch?v=i-SKeOcBwko&ab_channel=mycodeschool))

### Selection sort Pseudocode:

```
SelectionSort(A, n)
{
  for i ← 0 to n-2
  {
    iMin ← i
    for j ← i+1 to n-1
    {
      if (A[j] < A[iMin])
        iMin ← j
    }
    temp ← A[i]
    A[i] ← A[iMin]
    A[iMin] ← temp
  }
}
```

resource collected from MycodeSchool

([https://www.youtube.com/watch?v=GUDLRan2DWM&t=507s&ab\\_channel=mycodeschool](https://www.youtube.com/watch?v=GUDLRan2DWM&t=507s&ab_channel=mycodeschool))