

To write a Python Program to perform selection sort.

Python

```
def selection_sort(alist):  
    for i in range(0, len(alist) - 1):  
        smallest = i  
        for j in range(i + 1, len(alist)):  
            if alist[j] < alist[smallest]:  
                smallest = j  
        alist[i], alist[smallest] = alist[smallest], alist[i]  
  
alist = input('Enter the list of numbers: ').split()  
alist = [int(x) for x in alist]  
selection_sort(alist)  
print('Sorted list: ', end=" ")  
print(alist)
```

OUTPUT:

Enter the list of numbers: 1 4 2 3 6 8 9 7 5

Sorted list: [1, 2, 3, 4, 5, 6, 7, 8, 9]

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