```python
def list_min(lst, low, high):
    if low == high:
        return lst[low]
    min = list_min(lst, low + 1, high)
    if lst[low] < min:
        min = lst[low]
    return min


lst = [12, 34, 6, 5, 24, 7]
print(list_min(lst, 0, 5))

"""
1.
lst = [12, 34, 6, 5, 24, 7]
low = 0
high = 5

low != high
min = list_min(lst, 1, 5)

    2.
    lst = [34, 6, 5, 24, 7]
    low = 1
    high = 5

    low != high
    min = list_min(lst, 2, 5)

        3.
        lst = [6, 5, 24, 7]
        low = 2
        high = 5

        low != high
        min = list_min(lst, 3, 5)

            4.
            lst = [5, 24, 7]
            low = 3
            high = 5

            low != high
            min = list_min(lst, 4, 5)

                5.
                lst = [24, 7]
                low = 4
                high = 5

                low != high
                min = list_min(lst, 5, 5)

                    6.
                    lst = [7]
                    low = 5
                    high = 5

                    low == high
                    --> return lst[low]
                              7

                5.
                lst[low] (24) !< min (7)
                return min (7)

            4.
            lst[low] (5) < min (7)
            --> min = 5
            return min (5)

        3.
        lst[low] (6) !< min (5)
        return min (5)
    2.
    lst[low] (34) !< min (5)
    return min (5)

1.
lst[low] (24) !< min (5)
return min (5)
"""
```