

```
# sum of the elements of a list using recursion
```

```
def sum(x):
```

```
    if not x :
```

```
        return 0
```

```
    else:
```

```
        return sum(x[1:]) + x[0]
```

```
a = [1, 3, 2,4]
```

```
print(sum(a))
```

```
#finding the smallest element of a list using recursion
```

```
def Min(list):
```

```
    if len(list) <= 1:
```

```
        return list[0]
```

```
    else:
```

```
        m = Min(list[1:])
```

```
        return m if m < list[0] else list[0]
```

```
l = [69,12,54,38,71,2]
```

```
print("Minimum element in a list ", l, " is ",Min(l))
```