

Here is a Python program that demonstrates all the built-in functions of a list without using a user-defined function (UDF):

```
...
```

```
# Create a list
```

```
my_list = [1, 2, 3, 4, 5]
```

```
# Append an element
```

```
my_list.append(6)
```

```
print(my_list)
```

```
# Extend the list with another list
```

```
my_list.extend([7, 8, 9])
```

```
print(my_list)
```

```
# Insert an element at a specific position
```

```
my_list.insert(0, 0)
```

```
print(my_list)
```

```
# Remove the first occurrence of an element
```

```
my_list.remove(5)
```

```
print(my_list)
```

```
# Pop an element from the list (default last element)
```

```
popped_element = my_list.pop()
```

```
print(my_list)
```

```
print(popped_element)
```

```
# Pop an element from a specific position
```

```
popped_element = my_list.pop(0)
```

```
print(my_list)
```

```
print(popped_element)
```

```
# Index of the first occurrence of an element
```

```
index = my_list.index(4)
```

```
print(index)
```

```
# Count the occurrences of an element
```

```
count = my_list.count(4)
```

```
print(count)
```

```
# Sort the list in ascending order
```

```
my_list.sort()
```

```
print(my_list)
```

```
# Sort the list in descending order
```

```
my_list.sort(reverse=True)
```

```
print(my_list)
```

```
# Reverse the list
```

```
my_list.reverse()
```

```
print(my_list)
```

```
# Clear the list
```

```
my_list.clear()
```

```
print(my_list)
```

```
```\n
```

This program demonstrates the following built-in list functions:

- `append()`

- `extend()`

- `insert()`

- `remove()`

- `pop()`

- `index()`

- `count()`

- `sort()`

- `reverse()`

- `clear()`