8. Python program to delete an element from a list by index

```python
numbers = [3,4,1,9,6,2,8]

print(numbers)

x = int(input("Enter the position of the element to be deleted: "))

numbers.pop(x)

print(numbers)
```

Output:

[3, 4, 1, 9, 6, 2, 8]

Enter the position of the element to be deleted:

5

[3, 4, 1, 9, 6, 8]