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"""
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CP1404/CP5632 Practical - Suggested Solution
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List exercises
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"""
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```
# 1. Numbers stuff
```

```
numbers = []
```

```
for i in range(5):
```

```
    number = int(input("Number: "))
```

```
    numbers.append(number)
```

```
print("The first number is", numbers[0])
```

```
print("The last number is", numbers[-1])
```

```
print("The smallest number is", min(numbers))
```

```
print("The largest number is", max(numbers))
```

```
print("The average of the numbers is", sum(numbers) / len(numbers))
```

```
# 2. Woefully inadequate security checker...
```

```
usernames = ['jimbo', 'giltson98', 'derekf', 'WhatSup', 'NicolEye',  
             'swei45', 'BaseInterpreterInterface', 'BaseStdIn', 'Command',  
             'ExecState', 'InteractiveConsole', 'InterpreterInterface',  
             'StartServer', 'bob']
```

```
username = input("Enter username:")
```

```
if username in usernames:
```

```
    print("Access granted")
```

```
else:
```

```
    print("Access denied")
```