### YET MORE ENVIRONMENT SET-UP

#### **Get Autofill for VSCode**

**Q** What is this? An autofill extension for VSCode.

Why do I need it? Musíš povedať tvojmu OS, kde má hľadať PIP (package manager).

Windows key + R  $\rightarrow$  napíš 'sysdm.cpl'  $\rightarrow$  stlač 'OK'  $\rightarrow$  'Advan-How do I get it? ced'  $\rightarrow$  'Environment Variables'  $\rightarrow$  'System Variables'  $\rightarrow$  'Path'  $\rightarrow$ 'Edit' -> Pridaj adresu tvojich Python Scripts (typicky vyzerá asi takto: C:\Users\[meno]\AppData\Local\Programs\Python\Python313\Scripts)

## CLASSES & OBJECTS

#### Initialisation

```
__init__
        class [class_name]:
            def __init__(self, [other params]):
                self.[other params] = [other params]
ے __str__
        class [class_name]:
            def __str__(self):
                return [return_expression]
reating an object instance
```

```
[object_name] = [class_name](##[params])
```

## String return Expressions

#### ြီး return

Example:

```
class Dog:
    def __init__(self, name, weight):
        self.name = name
        self.weight = weight
    def __str__(self):
        return "Name: %s, weight: %f"
```

## FORMAT SPECIFIERS

| Specifier | Түре      |
|-----------|-----------|
| %s        | string    |
| %d        | integer   |
| %f        | float     |
| %с        | character |

# Stuff to Do with Objects

# **y** creating and calling custom methods

# **P** changing object parameters

```
[object_name] . [param_name] = [new_param_value]
```

Learn more about object-oriented programming in Python here  $\mathcal{O}$ .