

Python Programming Quick Reference

Basic Syntax and Data Types

Variables and Data Types

```
name = "Python" # String
```

```
age = 30        # Integer
```

```
pi = 3.14       # Float
```

```
is_active = True # Boolean
```

Lists and Dictionaries

```
fruits = ["apple", "banana", "orange"]
```

```
student = {"name": "John", "grade": "A"}
```

Functions

```
def greet(name):
```

```
    return f"Hello, {name}!"
```