

# Python Beginner Quick-Start

## What Is Python?

### 1. Your First Program

A simple, readable programming language used for apps, websites, automation, data, and AI. Great for beginners.

```
print("Hello, world!")
```

### 2. Variables

```
name = "Alex"
```

```
age = 25
```

### 3. Basic Math

```
x = 10
```

```
y = 3
```

```
print(x + y)
```

```
print(x * y)
```

```
print(x / y)
```

### 4. If-Statements

```
score = 75
```

```
if score >= 70:
```

```
    print("You passed!")
```

```
else:
```

```
    print("Try again.")
```

### 5. Loops

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

```
print("Learning Python!")
```

## 6. Lists

```
colors = ["red", "blue", "green"]  
print(colors[0])
```

## 7. Functions

```
def greet(name):  
    print("Hello, " + name)  
greet("Alex")
```

## Next Steps

- Practice small programs daily
- Try simple projects (calculator, quiz, number game)
- Keep code clean and readable

## Want More?

Follow me for free Python tips, cheat sheets, and beginner-friendly lessons.

<https://www.youtube.com/@PythonProgrammingForNewbies>

<https://www.pythonskillbooks.com>