

## **PYTHON CHEAT SHEET — FORGELABS**

### **1. PRINT & COMMENTS**

```
print("Hello World")  
  
# This is a comment
```

### **2. VARIABLES**

```
name = "David"  
  
age = 20
```

### **3. DATA TYPES**

```
int, float, str, bool
```

### **4. INPUT**

```
user = input("Enter your name: ")
```

### **5. TYPE CASTING**

```
int("7"), float("3.5"), str(25)
```

### **6. OPERATORS**

```
+ - * / // % **
```

### **7. LISTS**

```
nums = [1, 2, 3]  
  
nums.append(4)
```

### **8. DICTIONARIES**

```
person = {"name": "David", "age": 20}
```

### **9. IF STATEMENTS**

```
if age > 18:  
  
    print("Adult")
```

## **10. LOOPS**

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

```
while x < 10:  
    x += 1
```

## **11. FUNCTIONS**

```
def add(a, b):  
    return a + b
```

## **12. IMPORTS**

```
import math
```