

Programming Basics

1. Will the lines below result in an error? If yes, name the error and rewrite the line(s) causing the error.

```
age = 18  
print("Age:", age)
```

2. Will the lines below result in an error? If yes, name the error and rewrite the line(s) causing the error.

```
y = "Hey"  
x = 5 + "hello world"
```

3. Will the lines below result in an error? If yes, name the error and rewrite the line(s) causing the error.

```
y = 42  
apple = "fun"  
78 = "pineapple"
```

4. What are the basic comparison operators in Python?
5. How many Boolean values are there? What are they?
6. If variable a = "Hello" and b = 78, what does print(a, "it's", 78, "degrees outside!")?
7. In the statement x=10, what is the programming role of x?
8. What is (2 ** 4) / 4.0?