```python
# Declare variables of different data types
integer_var = 10  # Integer
float_var = 20.5  # Float
string_var = "Hello, Jupyter!"  # String
boolean_var = True  # Boolean

# Print each variable and its type
print("Integer Variable:", integer_var, "| Type:", type(integer_var))
print("Float Variable:", float_var, "| Type:", type(float_var))
print("String Variable:", string_var, "| Type:", type(string_var))
print("Boolean Variable:", boolean_var, "| Type:", type(boolean_var))
```

```
Integer Variable: 10 | Type: <class 'int'>
Float Variable: 20.5 | Type: <class 'float'>
String Variable: Hello, Jupyter! | Type: <class 'str'>
Boolean Variable: True | Type: <class 'bool'>
```

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