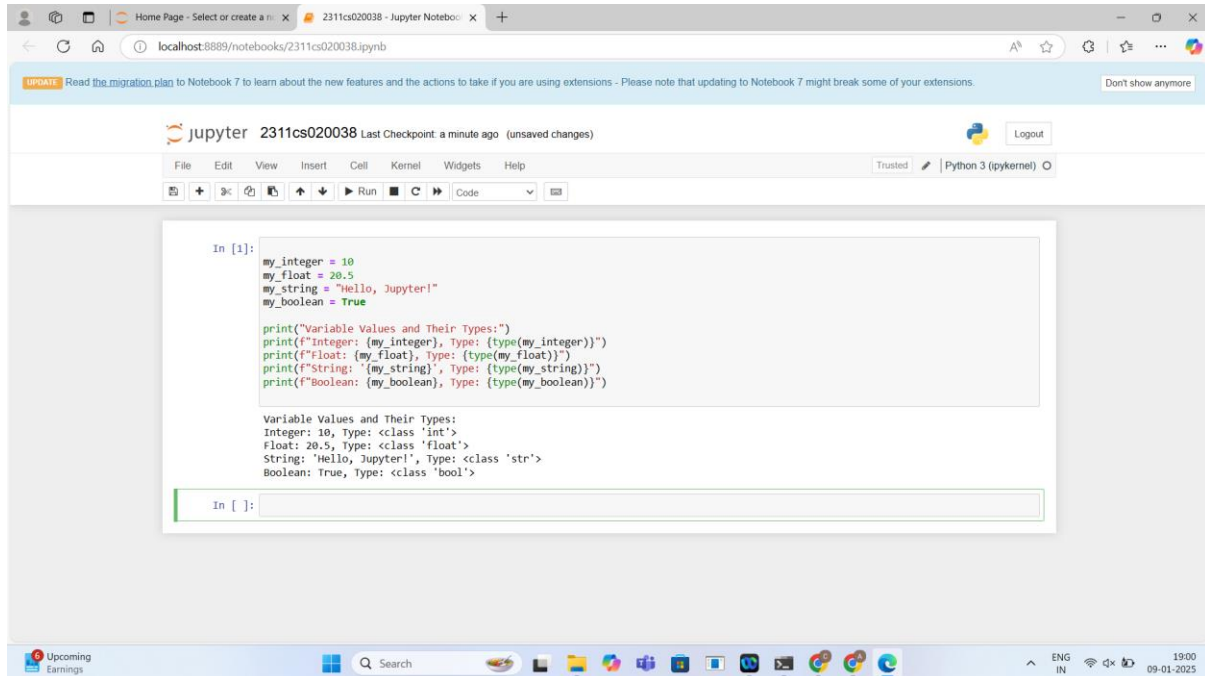


## Day 1

Write a program in Jupyter Notebook to declare variables of different data types (integer, float, string, and boolean). Print each variable and its type.



The screenshot shows a Jupyter Notebook interface in a web browser. The browser address bar shows `localhost:8889/notebooks/2311cs020038.ipynb`. The Jupyter Notebook header shows the name `2311cs020038` and a message "Last Checkpoint: a minute ago (unsaved changes)". The notebook contains a single code cell with the following Python code:

```
In [1]: my_integer = 10
my_float = 20.5
my_string = "Hello, Jupyter!"
my_boolean = True

print("Variable Values and Their Types:")
print(f"Integer: {my_integer}, Type: {type(my_integer)}")
print(f"Float: {my_float}, Type: {type(my_float)}")
print(f"String: {my_string}, Type: {type(my_string)}")
print(f"Boolean: {my_boolean}, Type: {type(my_boolean)}")
```

The output of the code cell is displayed below the code:

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

The Jupyter Notebook interface also shows a menu bar with options like File, Edit, View, Insert, Cell, Kernel, Widgets, and Help. The bottom of the screen shows a Windows taskbar with various icons and the system clock showing 19:00 on 09-01-2025.