

## PYTHON ZERO TO HERO | DAY 3 / 4

Date : October 5, 2021

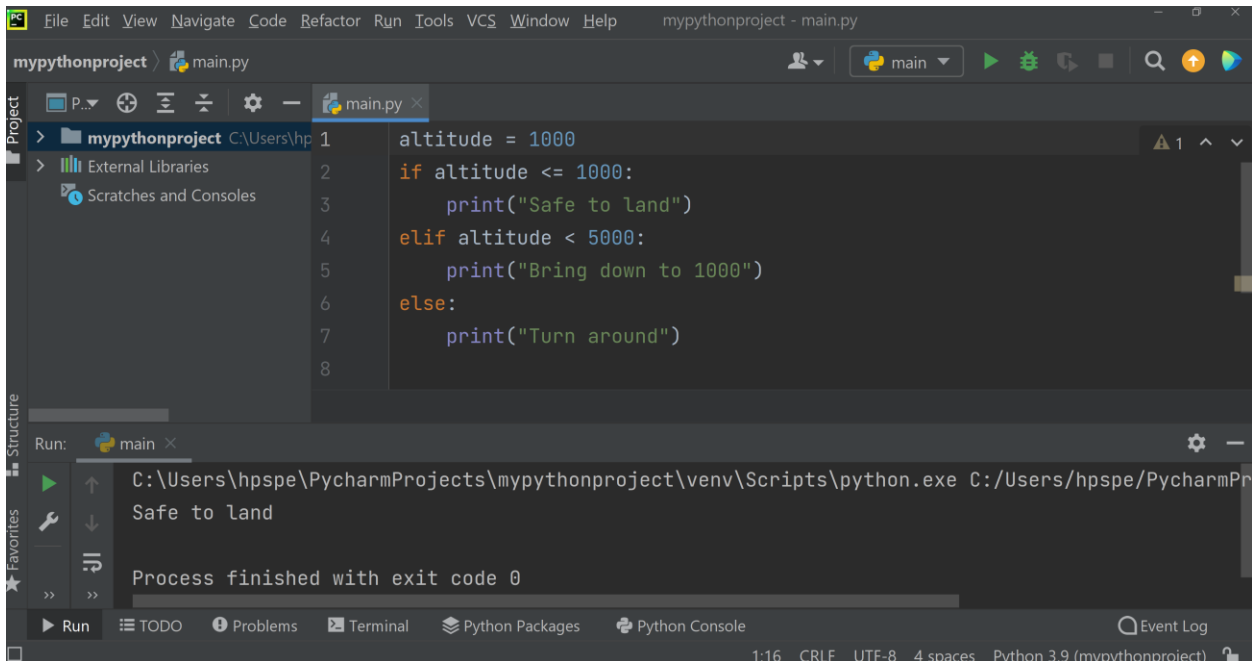
### ASSIGNMENT 1 - DAY 4

Student : Naveen Madhavan

You all are pilots. You have to land a plane. The altitude required for landing a plane is 1000 ft. If it is less than that tell pilot to land the plane, or it is more than that but less than 5000 ft ask the pilot to come down to 1000 ft, else if it is more than 5000 ft ask the pilot to go around and try later.

Example : Input – 1000

Output – Safe to land



The screenshot shows the PyCharm IDE interface. The main editor window displays a Python script named `main.py` with the following code:

```
1 altitude = 1000
2 if altitude <= 1000:
3     print("Safe to land")
4 elif altitude < 5000:
5     print("Bring down to 1000")
6 else:
7     print("Turn around")
8
```

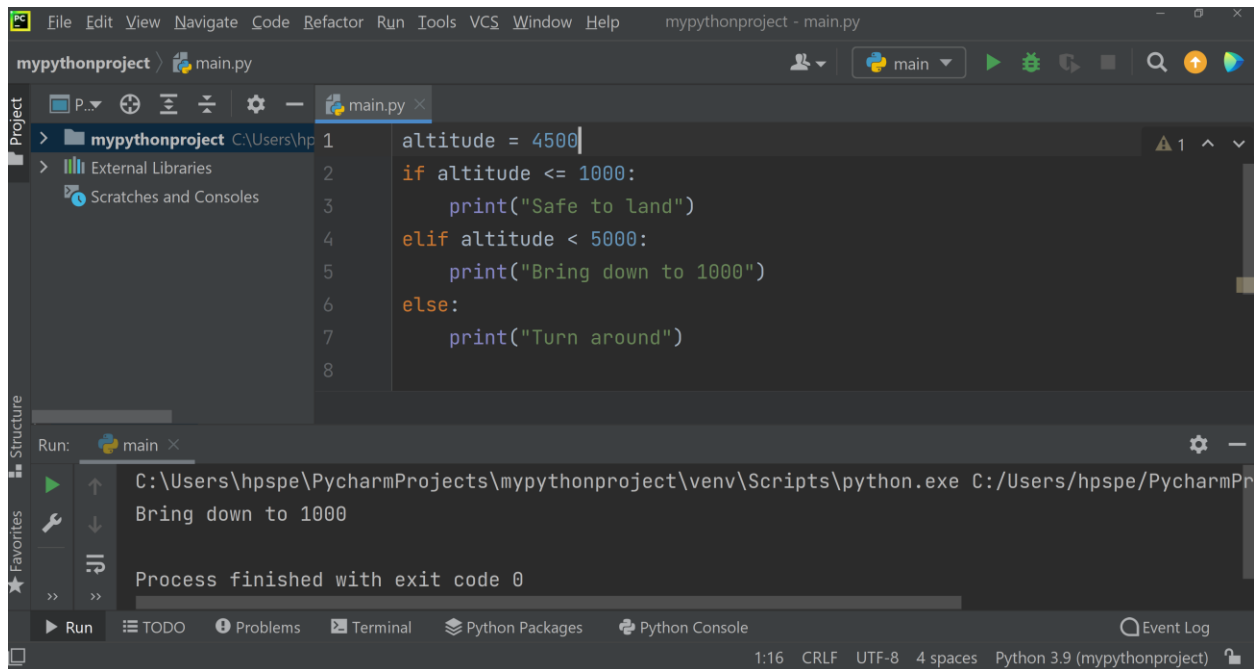
The left sidebar shows the project structure with `mypythonproject` and `External Libraries`. The bottom panel shows the Run console output:

```
Run: main
C:\Users\hpspe\PycharmProjects\mypythonproject\venv\Scripts\python.exe C:/Users/hpspe/PycharmPr
Safe to land
Process finished with exit code 0
```

The status bar at the bottom indicates the file encoding is UTF-8, using 4 spaces for indentation, and the Python version is 3.9 (mypythonproject).

Example : input – 4500

Output -Bring down to 1000



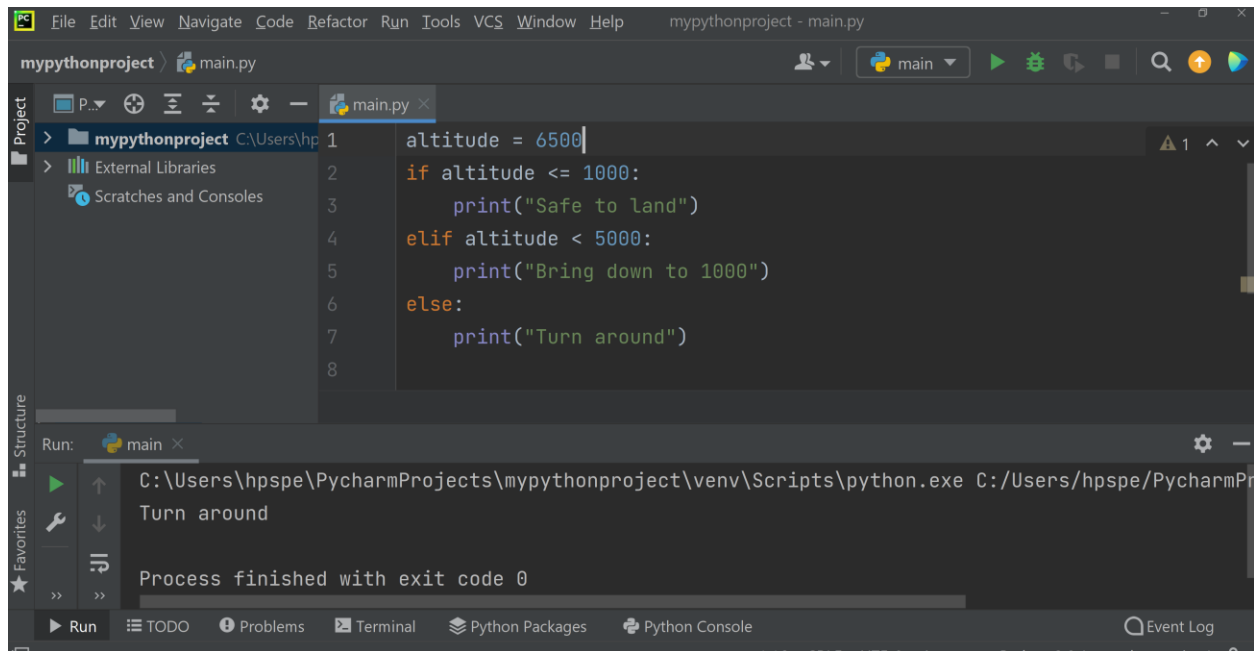
The screenshot shows the PyCharm IDE with a Python script named `main.py` in a project called `mypythonproject`. The code defines a function that checks the altitude and prints a message based on the value. The input is 4500, and the output is "Bring down to 1000".

```
1 altitude = 4500
2 if altitude <= 1000:
3     print("Safe to land")
4 elif altitude < 5000:
5     print("Bring down to 1000")
6 else:
7     print("Turn around")
8
```

The Run console shows the command `C:\Users\hpspe\PycharmProjects\mypythonproject\venv\Scripts\python.exe C:/Users/hpspe/PycharmPr` and the output `Bring down to 1000`. The process finished with exit code 0.

Example : Input -6500

Output – Turn around



The screenshot shows the PyCharm IDE with the same Python script `main.py`. The input is 6500, and the output is "Turn around".

```
1 altitude = 6500
2 if altitude <= 1000:
3     print("Safe to land")
4 elif altitude < 5000:
5     print("Bring down to 1000")
6 else:
7     print("Turn around")
8
```

The Run console shows the command `C:\Users\hpspe\PycharmProjects\mypythonproject\venv\Scripts\python.exe C:/Users/hpspe/PycharmPr` and the output `Turn around`. The process finished with exit code 0.