

Flight Cost Calculator

A simple Python-based mini-project to calculate the cost of a flight based on distance, travel class, and baggage weight. This project demonstrates **basic Python programming, conditional logic, and user input handling**.

Features

- Calculate flight cost based on **distance** (km)
- Apply **class multipliers** for Economy, Business, and First class
- Include **extra baggage fees** for luggage over 15 kg
- Simple **interactive console input/output**

How It Works

1. User inputs:
 - a. Flight distance in km
 - b. Travel class (Economy, Business, First)
 - c. Baggage weight in kg
2. Base fare is calculated at \$0.1 per km
3. Price is adjusted based on class:
 - a. Economy → ×1
 - b. Business → ×1.5
 - c. First → ×2
4. Extra baggage over 15 kg adds \$10 per kg
5. Final flight cost is displayed

Example

Enter the distance of the flight in km: 1200

Enter the class (Economy, Business, First): Business

Enter baggage weight in kg: 20

Total flight cost: \$190.0

Requirements

- Python 3.x

How to Run

1. Download or clone the repository.
2. Open terminal/command prompt in the project folder.
3. Run the script:

```
python flight_cost_calculator.py
```

4. Follow the prompts in the console to calculate flight costs.

Future Enhancements

- Include **dynamic flight pricing based on airlines**
- Add **discounts or loyalty points**
- Integrate with **AviaBot** for a more interactive airport assistant