

The screenshot shows the PyCharm IDE interface with the following details:

- Project Bar:** PyCharmMiscProject (selected), loops.
- File Bar:** branching (selected), branching.py
- Toolbars:** Open Files, Run, Stop, Step, Back, Forward, Help, Start Free.
- Code Editor:** The file branching.py contains Python code for seat purchasing logic. The code includes a main function that iterates through seat purchases until the user decides to stop. It prints a summary of the purchase at the end.

```
def main():    usage new*  
    seat["taken"] = True  
    purchased_seats.append(choice)  
    total_fee += seat["fee"]  
  
    print(f"Seat {choice} successfully purchased!\n")  
  
    # Ask if the user wants to buy another seat  
    more = input("Do you want to purchase another seat? (yes/no): ").strip().lower()  
    if more not in ("yes", "y"):  
        break  
  
    # Summary  
    print("\n--- Purchase Summary ---")  
    if purchased_seats:  
        print("Seats purchased:", ", ".join(purchased_seats))  
        print(f"Total extra fees: ${total_fee}")  
    else:  
        print("You did not purchase any seats.")  
    print("Thank you for flying with us!")  
  
if __name__ == "__main__":  
    main()
```

- Status Bar:** 118:11 LF UTE 9 4 spaces Python 3.12 (PyCharm)