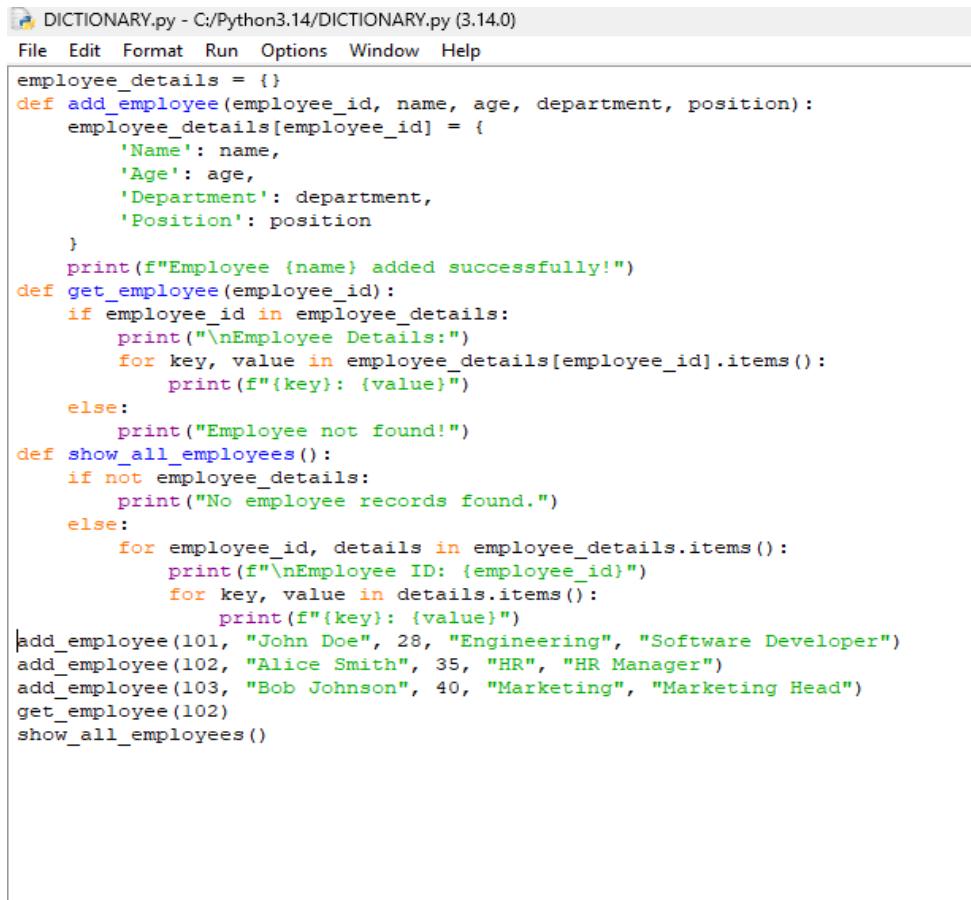# DICTIONARY PROGRAM

CODING:

```
DICTIONARY.py - C:/Python3.14/DICTIONARY.py (3.14.0)
File  Edit  Format  Run  Options  Window  Help
employee_details = {}
def add_employee(employee_id, name, age, department, position):
    employee_details[employee_id] = {
        'Name': name,
        'Age': age,
        'Department': department,
        'Position': position
    }
    print(f"Employee {name} added successfully!")
def get_employee(employee_id):
    if employee_id in employee_details:
        print("\nEmployee Details:")
        for key, value in employee_details[employee_id].items():
            print(f"{key}: {value}")
    else:
        print("Employee not found!")
def show_all_employees():
    if not employee_details:
        print("No employee records found.")
    else:
        for employee_id, details in employee_details.items():
            print(f"\nEmployee ID: {employee_id}")
            for key, value in details.items():
                print(f"{key}: {value}")
add_employee(101, "John Doe", 28, "Engineering", "Software Developer")
add_employee(102, "Alice Smith", 35, "HR", "HR Manager")
add_employee(103, "Bob Johnson", 40, "Marketing", "Marketing Head")
get_employee(102)
show_all_employees()
```
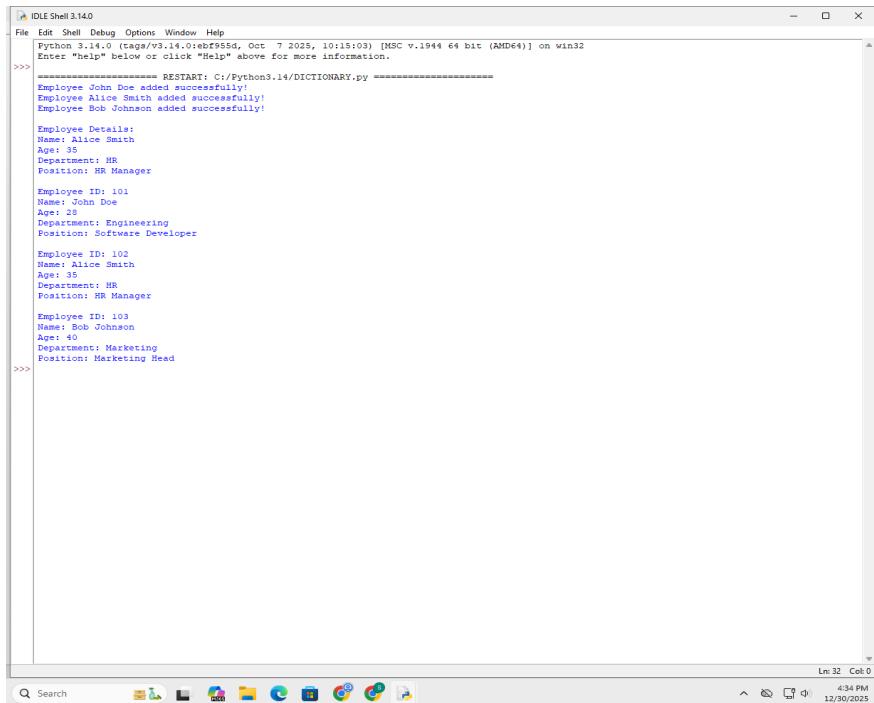
```
employee_details = {}
def add_employee(employee_id, name, age, department, position):
    employee_details[employee_id] = {
        'Name': name,
        'Age': age,
        'Department': department,
        'Position': position
    }
    print(f"Employee {name} added successfully!")
def get_employee(employee_id):
    if employee_id in employee_details:
        print("\nEmployee Details:")
        for key, value in employee_details[employee_id].items():
            print(f"{key}: {value}")
    else:
```

```python
        print("Employee not found!")
def show_all_employees():
    if not employee_details:
        print("No employee records found.")
    else:
        for employee_id, details in employee_details.items():
            print(f"\nEmployee ID: {employee_id}")
            for key, value in details.items():
                print(f"{key}: {value}")
add_employee(101, "John Doe", 28, "Engineering", "Software Developer")
add_employee(102, "Alice Smith", 35, "HR", "HR Manager")
add_employee(103, "Bob Johnson", 40, "Marketing", "Marketing Head")
get_employee(102)
show_all_employees()
```

OUTPUT:


```
Python 3.14.0 (tags/v3.14.0:ebf955d, Oct  7 2025, 10:15:03) [MSC v.1944 64 bit (AMD64)] on win32
Enter "help" below or click "Help" above for more information.
>>>
==================== RESTART: C:/Python3.14/DICTIONARY.py ====================
Employee John Doe added successfully!
Employee Alice Smith added successfully!
Employee Bob Johnson added successfully!

Employee Details:
Name: Alice Smith
Age: 35
Department: HR
Position: HR Manager

Employee ID: 101
Name: John Doe
Age: 28
Department: Engineering
Position: Software Developer

Employee ID: 102
Name: Alice Smith
Age: 35
Department: HR
Position: HR Manager

Employee ID: 103
Name: Bob Johnson
Age: 40
Department: Marketing
Position: Marketing Head
>>>
```