

```

4 class Course: 2 usages
5     def __init__(self, course_code, course_name, credit_hours):
6         self.course_code = course_code
7         self.course_name = course_name
8         self.credit_hours = credit_hours
9     def display_info(self): 3 usages (1 dynamic)
10        return f"course_code:{self.course_code}, course_name:{self.course_name}, credit_hours:{self.credit_hours}"
11 class CoreCourse(Course): 1 usage
12     def __init__(self, course_code, course_name, credit_hours, required_for_major):
13         super().__init__(course_code, course_name, credit_hours)
14         self.required_for_major = required_for_major
15     def display_info(self): 2 usages (1 dynamic)
16        return super().display_info() + f", Required for Major:{self.required_for_major}"
17
18 class ElectiveCourse(Course): 1 usage
19     def __init__(self, course_code, course_name, credit_hours, elective_type):
20        super().__init__(course_code, course_name, credit_hours)

```

Assignment 6 oops.py

```

C:\Users\Public\PycharmProjects\PythonAssignments\Assignment 6 oops.py"
CS101, course_name: intro to Computer Science, credit_hours: 3, Required for Major: True
CS201, course_name: modern Art, credit_hours: 2, Elective Type: liberal arts

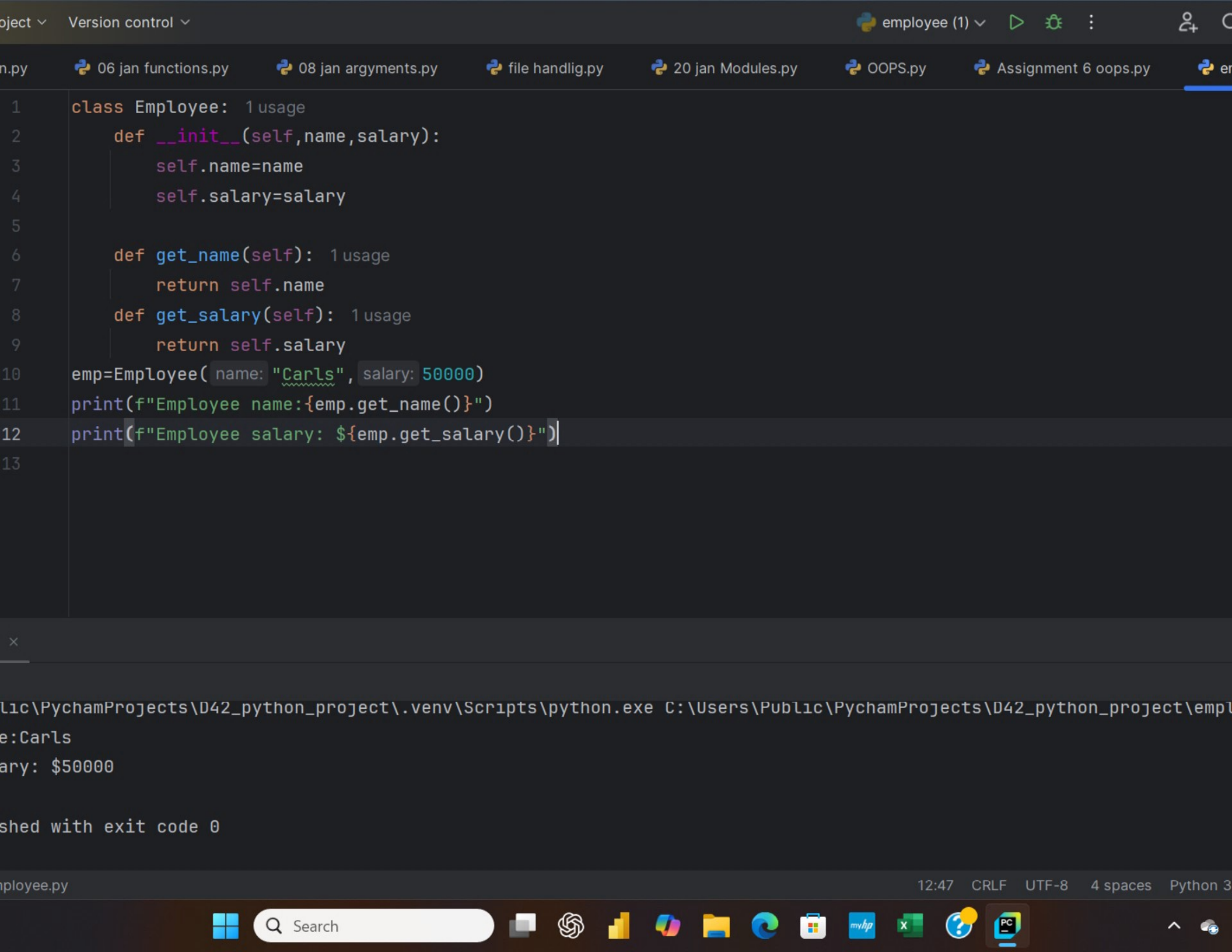
```

Finished with exit code 0



Search





```
1 class Employee: 1 usage
2     def __init__(self,name,salary):
3         self.name=name
4         self.salary=salary
5
6     def get_name(self): 1 usage
7         return self.name
8     def get_salary(self): 1 usage
9         return self.salary
10 emp=Employee( name: "Carls", salary: 50000)
11 print(f"Employee name:{emp.get_name()}")
12 print(f"Employee salary: ${emp.get_salary()}")
13
```

```
C:\Users\Public\PycharmProjects\D42_python_project\.venv\Scripts\python.exe C:\Users\Public\PycharmProjects\D42_python_project\emp.py
e:Carls
ary: $50000
shed with exit code 0
```

```

11 class CoreCourse(Course): 1 usage
15     def display_info(self): 2 usages (1 dynamic)
16         return super().display_info() +f",Required for Major:{self.required_for_major}"
17
18 class ElectiveCourse(Course): 1 usage
19     def __init__(self,course_code,course_name,credit_hours,elective_type):
20         super().__init__(course_code,course_name,credit_hours)
21         self.elective_type=elective_type
22     def display_info(self): 2 usages (1 dynamic)
23         return super().display_info()+f",Elective Type:{self.elective_type}"
24
25 core=CoreCourse(course_code: "CS101", course_name: "intro to Computer Science", credit_hours: 3, required_for_major: True)
26 elective=ElectiveCourse(course_code: "CS201", course_name: "modern Art", credit_hours: 2, elective_type: "liberal arts")
27 print(core.display_info())
28 print(elective.display_info())
29
30
31

```

Assignment 6 oops.py

C:\Users\Public\PycharmProjects\PythonAssignments\Assignment 6 oops.py

CS101,course\_name:intro to Computer Science,credit\_hours:3,Required for Major:True

CS201,course\_name:modern Art,credit\_hours:2,Elective Type:liberal arts

Completed with exit code 0



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