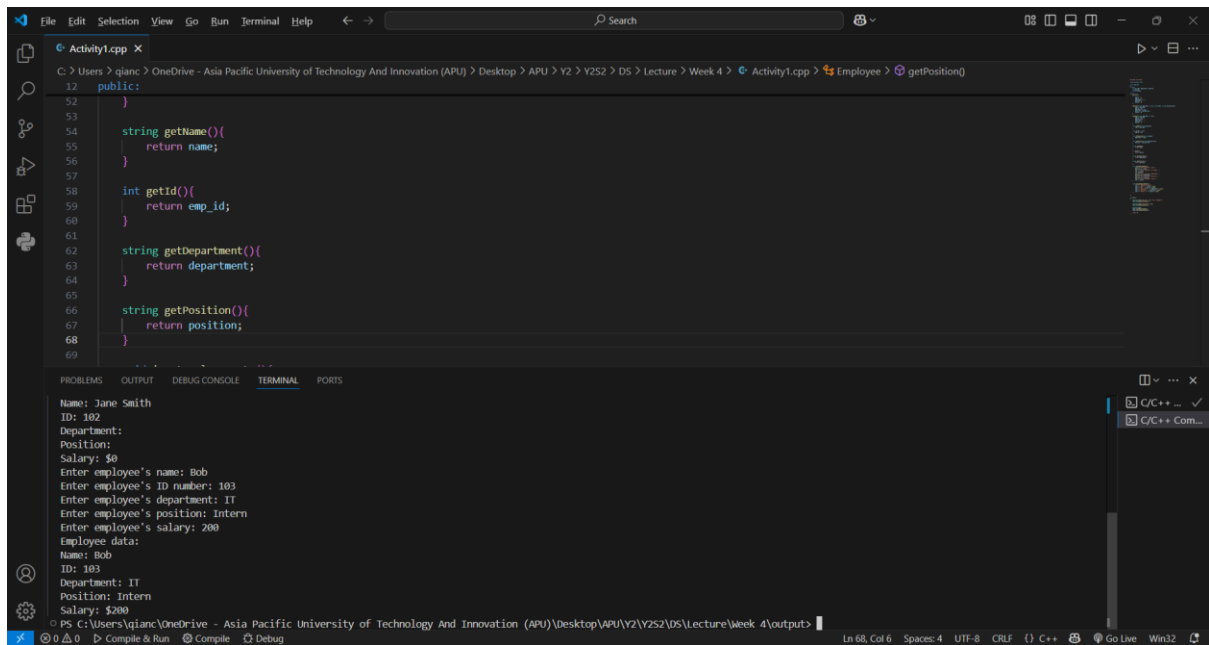


## Chap 4

### Class Activity 1



The screenshot shows the Visual Studio Code editor with a C++ file named `Activity1.cpp` open. The code defines a class `Employee` with methods `getName()`, `getId()`, `getDepartment()`, and `getPosition()`. The `main` function prompts the user to enter employee data and prints the results.

```
12 public:
13
14     string getName(){
15         return name;
16     }
17
18     int getId(){
19         return emp_id;
20     }
21
22     string getDepartment(){
23         return department;
24     }
25
26     string getPosition(){
27         return position;
28     }
29
30 private:
31     string name;
32     int emp_id;
33     string department;
34     string position;
35
36 int main()
37 {
38     Employee emp;
39     emp.setName("Jane Smith");
40     emp.setId(102);
41     emp.setDepartment("IT");
42     emp.setPosition("Intern");
43     emp.setSalary(200);
44     cout << "Employee data:" << endl;
45     cout << emp.getName() << endl;
46     cout << emp.getId() << endl;
47     cout << emp.getDepartment() << endl;
48     cout << emp.getPosition() << endl;
49     cout << emp.getSalary() << endl;
50     return 0;
51 }
```

The terminal output shows the execution of the program:

```
Name: Jane Smith
ID: 102
Department: IT
Position: Intern
Salary: $200
Enter employee's name: Bob
Enter employee's ID number: 103
Enter employee's department: IT
Enter employee's position: Intern
Enter employee's salary: 200
Employee data:
Name: Bob
ID: 103
Department: IT
Position: Intern
Salary: $200
```

The status bar at the bottom indicates the file is at line 68, column 6, using UTF-8 encoding and CRLF line endings.