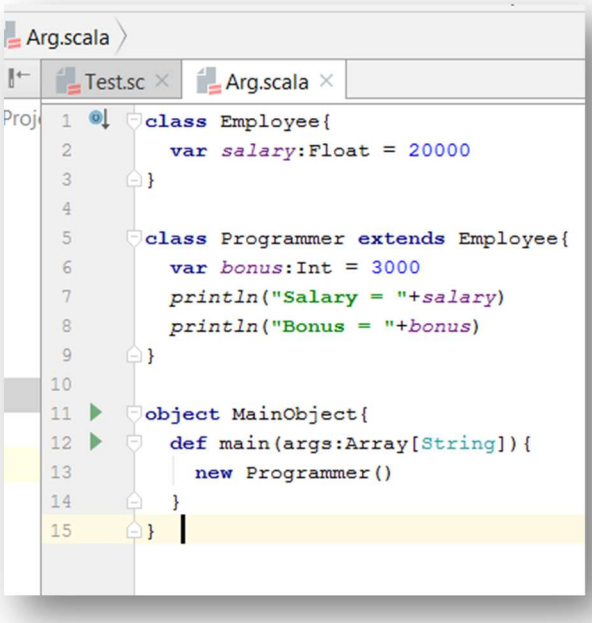
Assignment15.1

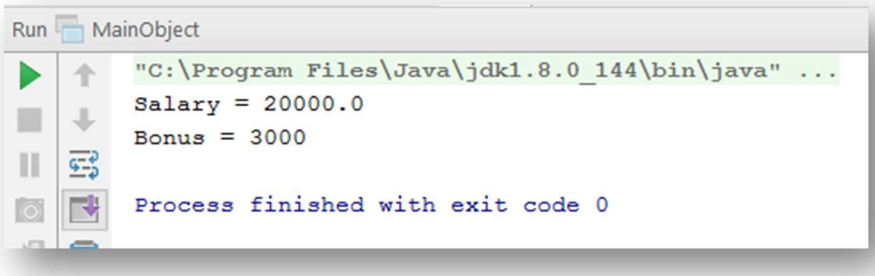
1. Write a simple program to show inheritance in Scala.

In this program, we are performing an inheritance of a class into another class. In the class ***Employee*** we have defined **Salary** as float, and inherited ***Employee*** into the class ***Programmer*** where we have defined **Bonus** as Int.



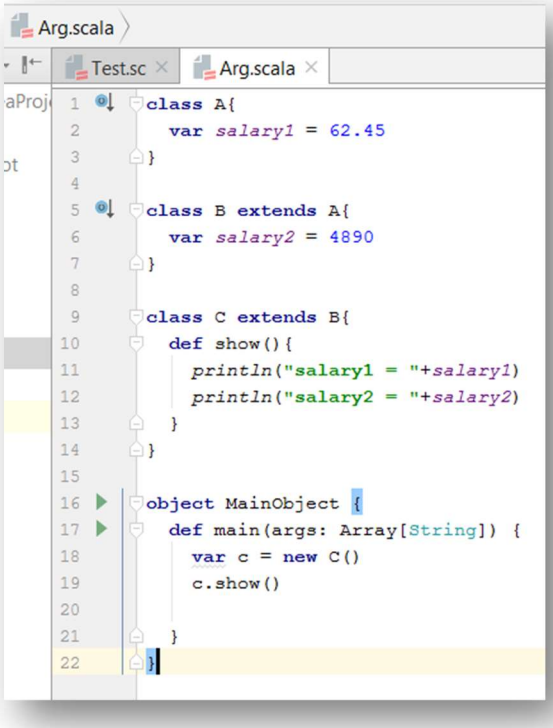
Output:

You will notice that Salary gives an output with decimals whereas Bonus gives an output as proper number.



2. Write a simple program to show multiple inheritance in Scala.

In this program, we are performing multiple inheritance. We are going to inherit **Class A -> Class B** and **Class B -> Class C**. We haven't specified any object type for the variables **Salary1** and **Salary2**.



Output:

You will notice that the output has decimals as well as proper number since we haven't defined object type for the variables.