

```

1 //Task_3, part_1
2 //single inheritance
3 class Employee{
4     var salary:Float = 10000
5 }
6
7 class Programmer extends Employee{
8     var bonus:Int = 5000
9     println("Salary = "+salary)
10    println("Bonus = "+bonus)
11 }
12
13 object MainObject{
14     def main(args:Array[String]){
15         new Programmer()
16     }
17 }

```

```

defined class Employee
defined class Programmer
defined object MainObject

```

Command took 0.20 seconds -- by mishra.cickyl@gmail.com at 5/15/2018, 10:24:16 PM on acadgild

```

1 //Task_3, part_2
2 //multiple inheritance problem
3 class A{
4     var salary1 = 10000
5 }
6
7 class B extends A{
8     var salary2 = 20000
9 }
10
11 class C extends B{
12     def show(){
13         println("salary1 = "+salary1)
14         println("salary2 = "+salary2)
15     }
16 }
17
18 object MainObject{
19     def main(args:Array[String]){
20         var c = new C()
21         c.show()
22     }
23 }
24 }

```

```

defined class A
defined class B
defined class C
defined object MainObject

```