|  |
| --- |
| class Employee: |
|  | emp\_count = 0 |
|  | emp\_avg = 0 |
|  |  |
|  | def \_\_init\_\_(self, nam, fam, sal, dep): |
|  | self.name = nam |
|  | self.family = fam |
|  | self.salary = sal |
|  | self.department = dep |
|  | Employee.emp\_count += 1 |
|  | Employee.emp\_avg += sal |
|  |  |
|  | def getempcount(self): |
|  | return self.\_\_class\_\_.emp\_count |
|  |  |
|  | def getname(self): |
|  | return self.name |
|  |  |
|  | def getsalary(self): |
|  | return self.salary |
|  |  |
|  | def getfamily(self): |
|  | return self.family |
|  |  |
|  | def getdep(self): |
|  | return self.department |
|  |  |
|  | def avg\_sal(self): |
|  | average\_sal = self.\_\_class\_\_.emp\_avg / self.\_\_class\_\_.emp\_count |
|  | return average\_sal |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  | class FullEmployee(Employee): |
|  |  |
|  | def \_\_init\_\_(self, nam, fam, sal, dep, bon): |
|  | Employee.\_\_init\_\_(self, nam, fam, sal, dep) |
|  | self.bonus = bon |
|  |  |
|  | def getbonus(self): |
|  | return self.bonus |
|  |  |
|  |  |
|  | if \_\_name\_\_ == "\_\_main\_\_": |
|  | emp1 = Employee('Sushma', 'B', 30000, 'IT') |
|  | emp2 = Employee('Bhavana', 'A', 30000, 'HR') |
|  | boss = FullEmployee('Sara', 'M', 30000, 'CEO', 50000) |
|  |  |
|  | print('Employee Name : ', emp1.getname(), ', Employee Salary : ', emp1.getsalary(), ', Average Salary : ', |
|  | emp1.avg\_sal(), 'Employee Family : ', emp1.family, 'Employee Family :', emp1.getempcount()) |
|  |  |
|  | print('Boss Name : ', boss.getname(), ', Employee Salary : ', boss.getsalary(), ', Average Salary : ', |
|  | boss.avg\_sal(), ', Employee Family : ', boss.family, ', Employee Family :', emp1.getempcount()) |