

14.10.24

HOME TASK

```
class Employee:
    def __init__(self, emp_id, emp_name, emp_salary, emp_department):
        self.emp_id=emp_id
        self.emp_name=emp_name
        self.emp_salary=emp_salary
        self.emp_department=emp_department

    def assign_dep(self, new_dep):
        self.emp_department=new_dep

    def print_emp_details(self):
        print("Employee ID:", self.emp_id)
        print("Employee Name:", self.emp_name)
        print("Employee Salary:", self.emp_salary)
        print("Employee Department:", self.emp_department)

    def calculate_emp_salary(self, hours_worked):
        if hours_worked > 50:
            overtime = hours_worked - 50
            overtime_amount = (overtime * (self.emp_salary / 50))
            return overtime_amount + self.emp_salary

employees = [
    Employee("Radha", "E7876", 100000, "Developer"),
    Employee("Shiny", "E7499", 45000, "Tester"),
    Employee("David", "E7900", 50000, "Analyst"),
    Employee("Raja", "E7698", 55000, "Designer")]

employees[0].assign_dep("Team Leader")

for emp in employees:
    emp.print_emp_details()
    print("Salary for 55 Hours: ", emp.calculate_emp_salary(55))
    print()
```