

Willie M. Bonavente
BSIT 2-4

SEATWORK #3
SOURCE CODE

```
# Author: Willie M. Bonavente
# Seatwork #3
class Employee:
    # 'Common base class for all employees'
    empCount = 0

    def __init__(self, name, salary, gender):
        self.name = name
        self.salary = salary
        self.gender = gender
        Employee.empCount += 1

    def displayCount(self):
        return ("Total Employee: %d" % Employee.empCount)

    def displayEmployee(self):
        return ("Name: ", self.name, "Salary: ", self.salary, "Gender: ",
self.gender )

# "This would create first object of Employee class"
emp1 = Employee("Zara", 2000, "male")
# "This would create second object of Employee class"
emp2 = Employee('Manni', 5000, "female")
emp3 = Employee("Lee", 4000, "female")

# Storing Objects into sets and the category for dictionaries
data_base = {
    "names": [
        "Chopin",
        "Liszt",
        "Bach",
        "Debussy",
        "Mozart",
        "Beethoven",
        "Clara"
    ],
    "salary": [
        2000,
        3000,
        5000,
        1000,
        3400,
        3003,
        2500,
    ],
}
```

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        "gender": [
            "male",
            "male",
            "male",
            "male",
            "male",
            "male",
            "male",
            "female"
        ]
    }

for i in range(len(data_base["names"])):
    emp = Employee(data_base["names"][i], data_base["salary"][i],
data_base["gender"][i])
    recent_emp = i + 1
    count = emp.displayCount()
    print(emp.displayEmployee())

# Search for specific employee here
search_name = "Robert" # Example: searching for employee named "Mozart"

for i in range(len(data_base["names"])):
    if data_base["names"][i] == search_name:
        emp = Employee(data_base["names"][i], data_base["salary"][i],
data_base["gender"][i])
        recent_emp = i + 1
        count = emp.displayCount()
        print(emp.displayEmployee())
        break
    else:
        print(search_name, "is not employee")
print("Recent Employee:", recent_emp)
print(count)

```

OUTPUT



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PROBLEMS 32 OUTPUT TERMINAL DEBUG CONSOLE PORTS EXPLORER FOR ENDEVOR
● WILLIE Alet → (□ master) ▼ 21:34 & C:/Users/USER/AppData/L
('Name: ', 'Chopin', 'Salary: ', 2000, 'Gender: ', 'male')
('Name: ', 'Liszt', 'Salary: ', 3000, 'Gender: ', 'male')
('Name: ', 'Bach', 'Salary: ', 5000, 'Gender: ', 'male')
('Name: ', 'Debussy', 'Salary: ', 1000, 'Gender: ', 'male')
('Name: ', 'Mozart', 'Salary: ', 3400, 'Gender: ', 'male')
('Name: ', 'Beethoven', 'Salary: ', 3003, 'Gender: ', 'male')
('Name: ', 'Clara', 'Salary: ', 2500, 'Gender: ', 'female')
Robert is not employee
Recent Employee: 7
Total Employee: 10
○ WILLIE Alet → (□ master) ▼ 21:34

```