

## c1-employeedetails

November 14, 2024

```
[3]: class EmployeeDict:
    def __init__(self):
        self.empDict=dict()
        self.autoId=0

    def addEmployee(self):
        emp=Employee()
        self.autoId=self.autoId+1
        emp.Id = self.autoId

        emp.name =input("Enter Employee Name:")
        emp.place=input("Enter Employee Place:")
        emp.dept =input("Enter Employee Dept:")
        self.empDict[emp.Id] = emp

    def displayEmployees(self):
        print("*****")
        for empId in self.empDict:
            print(empId)
            print("Name:",self.empDict[empId].name)
            print("Place:",self.empDict[empId].place)
            print("Dept.:",self.empDict[empId].dept)
            print("~~~~~")
        print("*****")

    def displayEmployeeById(self):
        empId = int(input("Enter the employee ID to be searched:"))
        if empId in self.empDict:
            print(self.empDict[empId].Id)
            print(self.empDict[empId].name)
            print(self.empDict[empId].place)
            print(self.empDict[empId].dept)
        else:
            print(empId, "not a valid EMP ID")

class Employee:
    def __init__(self):
```

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        pass

emp=EmployeeDict()
while True:
    print("1-ADD EMPLOYEE 2-DISPLAY EMPLOYEE LIST 3-SEARCH EMPLOYEE BY ID_
↪4-EXIT")
    choice = int(input("Enter your choice"))
    if choice==1:
        emp.addEmployee()
    elif choice == 2:
        emp.displayEmployees()
    elif choice == 3:
        emp.displayEmployeeById()
    elif choice == 4:
        break
    else:
        print("INVALID CHOICE!!!")

```

1-ADD EMPLOYEE 2-DISPLAY EMPLOYEE LIST 3-SEARCH EMPLOYEE BY ID 4-EXIT

Enter your choice 1

Enter Employee Name: dd

Enter Employee Place: dd

Enter Employee Dept: dd

1-ADD EMPLOYEE 2-DISPLAY EMPLOYEE LIST 3-SEARCH EMPLOYEE BY ID 4-EXIT

Enter your choice 1

Enter Employee Name: gg

Enter Employee Place: g

Enter Employee Dept: g

1-ADD EMPLOYEE 2-DISPLAY EMPLOYEE LIST 3-SEARCH EMPLOYEE BY ID 4-EXIT

Enter your choice 1

Enter Employee Name: r

Enter Employee Place: r

Enter Employee Dept: r

1-ADD EMPLOYEE 2-DISPLAY EMPLOYEE LIST 3-SEARCH EMPLOYEE BY ID 4-EXIT

Enter your choice 2

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1

Name: dd

Place: dd

Dept.: dd

~~~~~

2

Name: gg

Place: g  
Dept.: g  
~~~~~

3  
Name: r  
Place: r  
Dept.: r  
~~~~~

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1-ADD EMPLOYEE 2-DISPLAY EMPLOYEE LIST 3-SEARCH EMPLOYEE BY ID 4-EXIT

Enter your choice 3  
Enter the employee ID to be searched: 2

2  
gg  
g  
g  
1-ADD EMPLOYEE 2-DISPLAY EMPLOYEE LIST 3-SEARCH EMPLOYEE BY ID 4-EXIT

Enter your choice 3  
Enter the employee ID to be searched: 5

5 not a valid EMP ID  
1-ADD EMPLOYEE 2-DISPLAY EMPLOYEE LIST 3-SEARCH EMPLOYEE BY ID 4-EXIT

Enter your choice 4

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