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Section: B

Roll No. 140

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Subject: Object Oriented Programming Lab

Practical-2

- **Problem Definition:**

  Write a class for employee having name, emp no. and department. Initialize the one object of employee by using constructor with default value. Initialize the second object with values. Print both objects using method

- **Program:**

```
class Employee{
    String Name;
    int EmpNo;
    String Department;

    //Default constructor
    public Employee(){}

    //Parameterized constructor
    public Employee(String Name_, int EmpNo_, String Department_){
        Name = Name_;
        EmpNo = EmpNo_;
        Department = Department_;
    }

    //method
    void Display(){
        System.out.println("Employee Name - "+ this.Name);
        System.out.println("Employee Number - "+ this.EmpNo);
        System.out.println("Department - "+ this.Department);
        System.out.println("");
    }
}

class Practical2 {
```

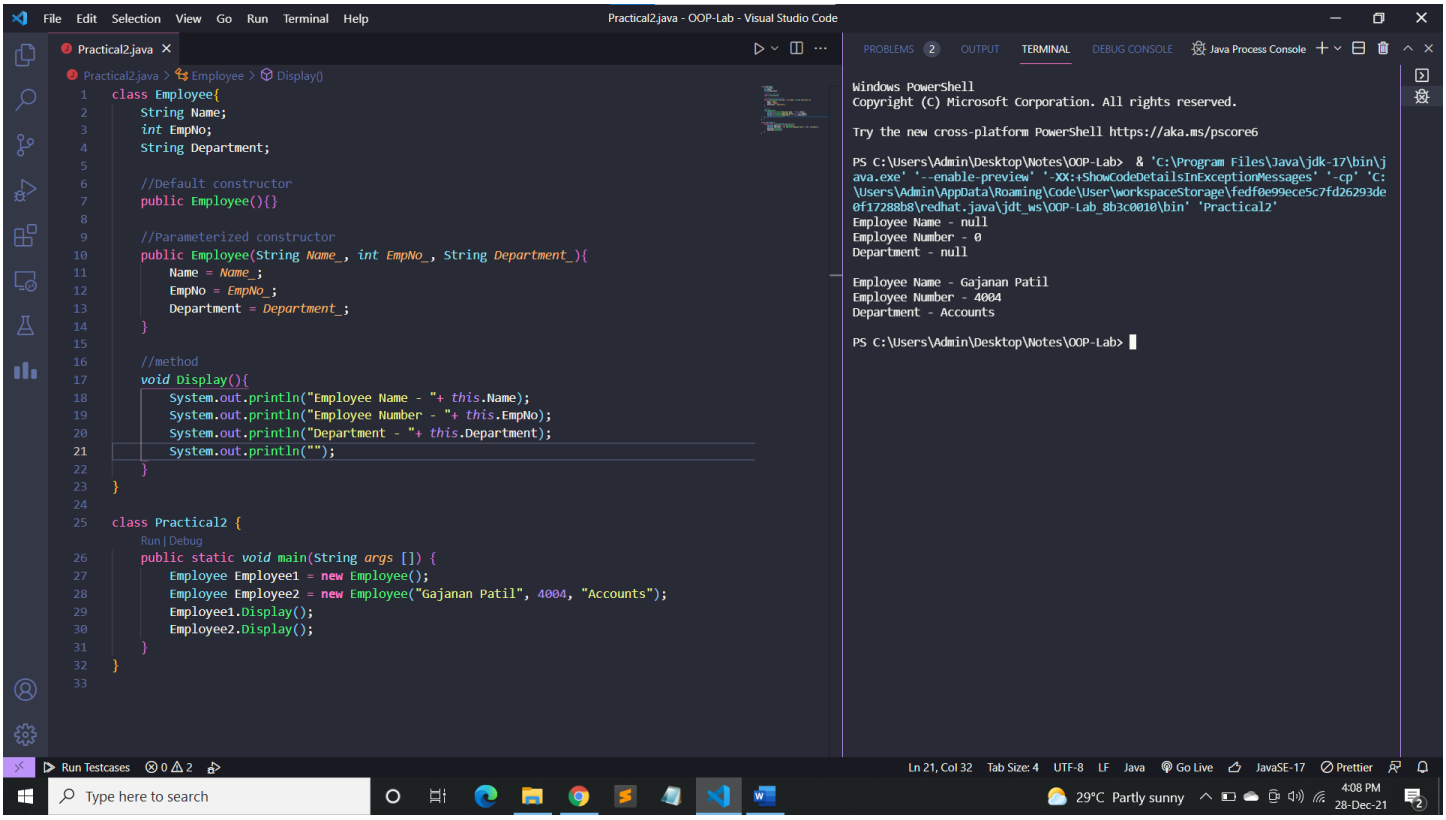
```
    public static void main(String args []) {
        Employee Employee1 = new Employee();
        Employee Employee2 = new Employee("Gajanan Patil", 4004, "Accounts");
        Employee1.Display();
        Employee2.Display();
    }
}
```

- **Output:**

```
Employee Name - null
Employee Number - 0
Department - null

Employee Name - Gajanan Patil
Employee Number - 4004
Department - Accounts
```

- **Screenshot:**



- **Result:**

  By studying implementation of concept of class constructor and its type in Java, I have successfully completed Practical-2.