

JAVA_ASSIGNMENT_18

INHERITANCE

Roll no.116

SCET_SY_COMP

- **CODE:**

```
//super class employee
class Employee
{
    String cmp_name;
    int age;

    //initializing company name in constructor
    Employee()
    {
        cmp_name="Horizon Logistics";
    }

    //printing title
    void Company_name()
    {
        System.out.println("-----WELCOME TO HORIZON
LOGISTICS -----");
    }

    //return age of employee
    int emp_age(int age)
    {
        this.age=age;
        return age;
    }

    //print name of employee
    void Emp_name(String name)
    {
        System.out.print("Hello ! I am "+ name);
    }

    //return salary of employee
    double salary(double salary)
    {
        return salary;
    }
}

//child class programmer
class Programmer extends Employee
{
    void print_info()
    {
        System.out.println("\nEmployee 1:");
        Emp_name("Nishant");
        System.out.println(" and I am a PROGRAMMER in "+cmp_name+".");
    }
}
```

```

        System.out.println("I am "+emp_age(28)+" years old.\n");
    }

}

//child class developer
class Developer extends Employee
{
    //print employees info
    void print_info()
    {
        System.out.println("Employee 2:");
        Emp_name("Divya");
        System.out.println(" and I am a DEVELOPER in "+cmp_name+".");
        System.out.println("I am "+emp_age(32)+" years old.\n");
    }
}

//child class tester
class Tester extends Employee
{
    //print employees info
    void print_info()
    {
        System.out.println("Employee 3:");
        Emp_name("Namrata");
        System.out.println(" and I am a TESTER in "+cmp_name+".");
        System.out.println("I am "+emp_age(36)+" years old.\n");
    }
}

//child class network engineer
class Network_Engineer extends Employee
{
    //print employees info
    void print_info()
    {
        System.out.println("Employee 4:");
        Emp_name("Vinay");
        System.out.println(" and I am a NETWORK ENGINEER in "+cmp_name+".");
        System.out.println("I am "+emp_age(30)+" years old.\n");
    }
}

public class Company
{
    public static void main(String[] args)
    {
        Employee emp= new Employee();
        emp.Company_name(); //sets company name to horizon
logistics in constructor

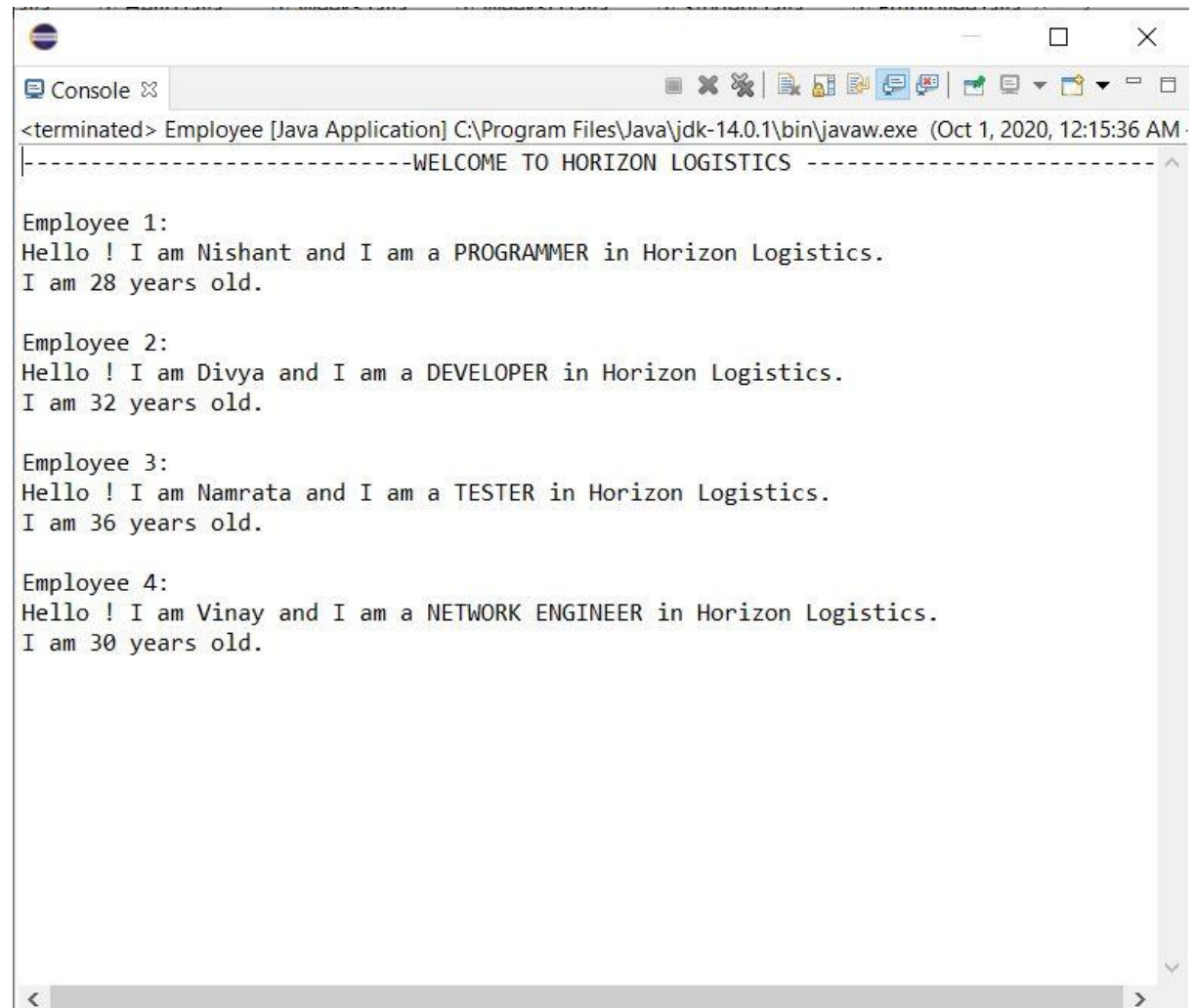
        Programmer prg=new Programmer();
        prg.print_info(); //calling function in programmer
class

        Developer devp=new Developer();
        devp.print_info();
    }
}

```

```
Tester test=new Tester();  
test.print_info();  
  
Network_Engineer net=new Network_Engineer();  
net.print_info();  
  
}  
}
```

OUTPUT:



```
<terminated> Employee [Java Application] C:\Program Files\Java\jdk-14.0.1\bin\javaw.exe (Oct 1, 2020, 12:15:36 AM)
-----WELCOME TO HORIZON LOGISTICS -----
Employee 1:
Hello ! I am Nishant and I am a PROGRAMMER in Horizon Logistics.
I am 28 years old.

Employee 2:
Hello ! I am Divya and I am a DEVELOPER in Horizon Logistics.
I am 32 years old.

Employee 3:
Hello ! I am Namrata and I am a TESTER in Horizon Logistics.
I am 36 years old.

Employee 4:
Hello ! I am Vinay and I am a NETWORK ENGINEER in Horizon Logistics.
I am 30 years old.
```