

JAVA3-SDL JAVA ASSIGNMENT NO 6

NAME: KAVERI ZANZANE

CLASS: DSY BTECH

DIV: D

ROLL NO: 242

PROBLEM STATEMENT:

Write a program to implement all types of inheritance for any real-time application.

PROGRAM

```
package startup;

import java.util.*;

class startup {
    Scanner sc = new Scanner(System.in);
    String s_name;
    void getstartup_name()
    {
        System.out.println();
        System.out.print("Enter Startup Name : ");
        s_name = sc.next();
    }

}

class department extends startup {
    Scanner sc = new Scanner(System.in);

    int emp_id;
    String name, email;
```

```
String depart_name;
String salary;
void getdepartment_name()
{
    System.out.println();
    System.out.print("Enter your id : ");
    emp_id = sc.nextInt();
    System.out.print("Enter your name : ");
    name = sc.next();
    System.out.print("Enter your email : ");
    email = sc.next();
    System.out.print("Enter your department name : ");
    depart_name = sc.next();
    System.out.println();
    System.out.print("Enter your Salary Package : ");
    salary = sc.next();
    System.out.println();
}
}
class Company extends department
{
    void display()
    {
        System.out.println();
        System.out.println("Startup name : "+s_name);
        System.out.println("Employee id : "+emp_id);
        System.out.println("Name : "+name);
        System.out.println("Email id : "+email);
        System.out.println("Department name : "+depart_name);
        System.out.println("Salary : "+salary);
    }
}
```

```
System.out.println();
}
public static void main(String args[])
{
System.out.println("Name:Kaveri Zanzane \nRoll No.242\n");
Scanner sc = new Scanner(System.in);
Company a = new Company();
Company a1 = new Company();
Company a2 = new Company();
a.getstartup_name();
a.getdepartment_name();

a1.getstartup_name();
a1.getdepartment_name();

a2.getstartup_name();
a2.getdepartment_name();

System.out.println("===== Entered Details ===== ");
a.display();
a1.display();
a2.display();
}
}
```

OUTPUT

startup - NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Projects X
- Test Management System
- SIMPLE VOTING SYSTEM
- startup
 Source Packages
 Test Packages
 Libraries
 Test Libraries
 Students_Database
 Source Packages
 Test Packages
 Libraries

startup.java X
28 System.out.print("Enter your name : ");
29 Scanner sc = new Scanner(System.in);

Output X
startup (clean.jar) X startup (run) X
2017
Name : Kaveel Sankana
Roll No : 242

Enter Startup Name : peac1

Enter your id : 101
Enter your name : kaveel
Enter your email : kaveel.sankana@nitae.ac.in
Enter your department name : development

Enter your Salary Package : 2012A

Enter Startup Name : unia

Enter your id : 201
Enter your name : kavya
Enter your email : sankana@gmail.com
Enter your department name : deployment

Enter your Salary Package : 1012A

Enter Startup Name : novac

Enter your id : 301
Enter your name : rohan
Enter your email : rohan@gmail.com
Enter your department name : R&D

Enter your Salary Package : 4012A

===== Entered Details =====

Startup name : peac1
Employee id : 101
Name : kaveel
Email id : kaveel.sankana@nitae.ac.in
Department name : development
Salary : 2012A

Startup name : unia
Employee id : 201
Name : kavya
Email id : sankana@gmail.com
Department name : deployment
Salary : 1012A

Startup name : novac
Employee id : 301
Name : rohan
Email id : rohan@gmail.com
Department name : R&D
Salary : 4012A

BUILD SUCCESSFUL (total time: 4 minutes 57 seconds)

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2017
Name : Kaveel Sankana
Roll No : 242

Enter Startup Name : unia

Enter your id : 201
Enter your name : kavya
Enter your email : sankana@gmail.com
Enter your department name : deployment

Enter your Salary Package : 1012A

Enter Startup Name : novac

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Enter your department name : R&D

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Startup name : peac1
Employee id : 101
Name : kaveel
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Department name : development
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