**AdminDepartment.java**

**public** **class** AdminDepartment **extends** SuperDepartment{

//declare method departmentName of return type string

**public** String deparmentName() {

**return** " Welcome to Admin Department";

}

//declare method getTodaysWork of return type string

**public** String getTodaysWork() {

**return** "Commplete your documents submission";

}

//declare method getWorkDeadline of return type string

**public** String getWorkDeadline() {

**return** "Complete by EOD ";

}

}

**HrDepartment.java**

**public** **class** HrDepartment **extends** SuperDepartment{

//declare method departmentName of return type string

**public** String deparmentName() {

**return** " Welcome to HR Department";

}

//declare method getTodaysWork of return type string

**public** String getTodaysWork() {

**return** "Fill todays timesheet and mark your attendance";

}

//declare method doActivity of return type string

**public** String doActivity() {

**return** "team Lunch";

}

//declare method getWorkDeadline of return type string

**public** String getWorkDeadline() {

**return** "Complete by EOD ";

}

}

**Main.java**

**public** **class** Main {

**public** **static** **void** main(String[] args) {

// create the object of TechDepartment and use all the methods

AdminDepartment ad = **new** AdminDepartment();

System.***out***.println(ad.deparmentName());

System.***out***.println(ad.getTodaysWork());

System.***out***.println(ad.getWorkDeadline());

System.***out***.println(ad.isTodayAHoliday());

// create the object of Hr Department and use all the methods

HrDepartment hd = **new** HrDepartment();

System.***out***.println(hd.deparmentName());

System.***out***.println(hd.doActivity());

System.***out***.println(hd.getTodaysWork());

System.***out***.println(hd.getWorkDeadline());

System.***out***.println(hd.isTodayAHoliday());

create the object of TechDepartment and use all the methods

TechDepartment td = **new** TechDepartment();

System.***out***.println((td.deparmentName()));

System.***out***.println(td.getTodaysWork());

System.***out***.println(td.getWorkDeadline());

System.***out***.println(td.getTechStackInformation());

System.***out***.println(td.isTodayAHoliday());

}

}

SuperDepartment.java

**public** **class** SuperDepartment {

**public** String deparmentName() {

**return** " Super Deparment ";

}

//declare method getTodaysWork of return type string

**public** String getTodaysWork() {

**return** " No work as of now ";

}

//declare method getWorkDeadline of return type string

**public** String getWorkDeadline() {

**return** " Nil ";

}

//declare method isTodayAHoliday of type string

**public** String isTodayAHoliday() {

**return** "Today is not a Holiday";

}

}

**TechDepartment.java**

**public** **class** TechDepartment **extends** SuperDepartment{

//declare method departmentName of return type string

**public** String deparmentName() {

**return** " Welcome to Tech Department";

}

//declare method getTodaysWork of return type string

**public** String getTodaysWork() {

**return** "Complete coding of Module 1";

}

//declare method getTechStackInformation of return type string

**public** String getTechStackInformation() {

**return** " Core Java ";

}

//declare method getWorkDeadline of return type string

**public** String getWorkDeadline() {

**return** "Complete by EOD ";

}

}