class SuperDepartment

{

public String departmentName()

{

return("Super Department");

}

public String getTodaysWork()

{

return("No Work as of now");

}

public String getWorkDeadline()

{

return("Nil");

}

public String isTodayAHoliday()

{

return("Today is not a Holiday");

}

}

class AdminDepartment extends SuperDepartment

{

public String departmentName()

{

return("Admin Department");

}

public String getTodaysWork()

{

return("Complete your Document Submission");

}

public String getWorkDeadline()

{

return("Complete by EOD");

}

}

class HrDepartment extends SuperDepartment

{

public String departmentName()

{

return("Hr Department");

}

public String getTodaysWork()

{

return("Fill today's worksheet and mark your attendance");

}

public String getWorkDeadline()

{

return("Complete by EOD");

}

public String doActivity()

{

return("Team Lunch");

}

}

class TechDepartment extends SuperDepartment

{

public String departmentName()

{

return("Tech Department");

}

public String getTodaysWork()

{

return("Complete code of module 1");

}

public String getWorkDeadline()

{

return("Complete by EOD");

}

public String getTechStackInformation()

{

return("Core Java");

}

}

//Driver Class

public class Main

{

public static void main(String[] args)

{

AdminDepartment ad = new AdminDepartment();

HrDepartment hd = new HrDepartment();

TechDepartment td = new TechDepartment();

System.out.println(ad.departmentName());

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

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

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

System.out.println();

System.out.println(hd.departmentName());

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

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

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

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

System.out.println();

System.out.println(td.departmentName());

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

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

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

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

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

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

}

}

Output:

Admin Department

Complete your Document Submission

Complete by EOD

Today is not a Holiday

Hr Department

Fill today's worksheet and mark your attendance

Complete by EOD

Team Lunch

Today is not a Holiday

Tech Department

Complete code of module 1

Complete by EOD

Core Java

Today is not a Holiday

...Program finished with exit code 0

Press ENTER to exit console.