# Lab 08 Tasks: Inheritance

## TASK 1:

Write a program for **multiple inheritance** which has base classes **BasicInfo** and **DeptInfo** and derived class **Employee.** Derived class employee get basic info from the basic classes using inheritance.
**BasicInfo:** data members **name, empId, gender** and member function **getBasicInfo().**
**DeptInfo:** data members **deptName, assignedWork, time2complete** and function **getDeptInfo()**.
**Employee:** only member functions **getEmployeeInfo()** and **PrintEmployeeInfo()**

**Sample out:**

## Task 2:

Assume that you are working with a film streaming company as a C++ developer. The company wants you to write C++ program which initialize a list of movies (see the table below). The list consists of 5 movies where each movie is represented by 3 fields: movie name, genre and IMDB ratings. Your code must provide the following functionalities:

1. User can search movies by name
2. User can find highest rated movie along with its details
3. User can see the list of all movies

Your program must draw a menu for above options where the user is repeatedly asked for his choice until the user selects exit option from the menu.

Sample output:

| Movie name | Genre | IMDB ratings |
|---|---|---|
| Inception | Action | 8.8 |
| Peter Pan | Adventure | 7.3 |
| The Dark Knight | Crime | 9 |
| Desperado | Thriller | 7.2 |
| Pulp Fiction | Crime | 8.9 |