

```
package project.프로젝트.minji;
```

```
public class Movie {
    String name;
    String genre;
    int ranking;
    String director;
    String running_time;
    int popular;

    public Movie() {
    }

    public Movie(String name, String genre, int ranking, String director, String running_time) {
        super();
        this.name = name;
        this.genre = genre;
        this.ranking = ranking;
        this.director = director;
        this.running_time = running_time;
    }

    @Override
    public String toString() {
        return "Movie [name=" + name + ", genre=" + genre + ", ranking=" + ranking + ", director=" + director
            + ", running_time=" + running_time + "]";
    }

    public String getName() {
        return name;
    }

    public void setName(String name) {
        this.name = name;
    }

    public String getGenre() {
        return genre;
    }

    public void setGenre(String genre) {
        this.genre = genre;
    }

    public int getRanking() {
        return ranking;
    }

    public void setRanking(int ranking) {
        this.ranking = ranking;
    }
}
```

```
public String getDirector() {  
    return director;  
}
```

```
public void setDirector(String director) {  
    this.director = director;  
}
```

```
public String getRunning_time() {  
    return running_time;  
}
```

```
public void setRunning_time(String running_time) {  
    this.running_time = running_time;  
}
```

```
public void incereatePopular() {  
    popular +=1;  
}
```

```
}
```

```

package project.프로젝트.minji;

import java.util.ArrayList;
import java.util.Collections;
import java.util.Comparator;
import java.util.Scanner;

public class 인기영화투표 {

    static Scanner sc=new Scanner(System.in);
    static ArrayList<Movie> list = new ArrayList<Movie>();

    public static void main(String[] args) {

        initMovie();

        System.out.println(" 요즘 인기 영화를 소개합니다\n");
        selectMovie();

        System.out.println("\n \n 재미있어 보이는 영화 5개를 선택주세요");
        choiceMovie();

        //인기순으로 조회하기
        System.out.println(" 인기순 정렬");
        인기순으로조회하기();

    }

    public static void choiceMovie() {

        for(int i=0; i<5; i++) {
            int choice=sc.nextInt();
            Movie movie = list.get(choice-1);
            movie.increatePopular();
        }
    }

    private static void 인기순으로조회하기() {
        //정렬하기
        Collections.sort(list, new Comparator<Movie> () {
            @Override
            public int compare(Movie o1, Movie o2) {
                // TODO Auto-generated method stub
                return o2.popular - o1.popular;
            }
        });
        selectMovie();
    }
}

```

```

public static void selectMovie() {
    for(int i=0; i<list.size(); i++) {
        Movie a = list.get(i);
        System.out.println(a);
    }
}

```

```

public static void initMovie() {
    list.add(new Movie("콘크리트 유토피아", "드라마", 1, "엄태화", "130분"));
    list.add(new Movie("밀수", "범죄", 2, "류승완", "129분"));
    list.add(new Movie("엘리멘탈", "애니메이션", 3, "피터 손", "109분"));
    list.add(new Movie("비공식작전", "드라마", 4, "김성훈", "132분"));
    list.add(new Movie("더문", "SF", 5, "김용화", "129분"));
    list.add(new Movie("미션 임파서블: 데드 레코닝 PART ONE", "액션", 6, "크리스토퍼 맥쿼리", "163분"));
    list.add(new Movie("바비", "드라마", 7, "그레타 거윅", "114분"));
    list.add(new Movie("명탐정코난: 흑철의 여영", "애니메이션", 8, "타치카와 유즈루", "110분"));
    list.add(new Movie("몬스터 패밀리2", "애니메이션", 9, "호거 태프", "103분"));
    list.add(new Movie("보호자", "액션", 10, "정우성", "97분"));
}

```

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}

```