

Grading Programming Project: Movies Data

Name: _____

Grade: _____/ 200

1. Functional requirements (30%)

Your program should *work correctly*. Your program should do at least the following correctly:

Requirement:	Score
a) List of options. (7)	
b) Run until user chooses to quit. (7)	
c) Error message if invalid option (7)	
d) Films of by certain studio. (6)	
e) Longest file by genre. (6)	
f) Year range with rating. (7) <ul style="list-style-type: none">• Valid years• Second year later than first	
g) Search film by title (7)	
h) Avg runtime of films with rating (7)	
i) Sort lists by year, write to file (6)	

2. Specifications (25%)

Modular Design - Use functions properly

Requirement:	Score:
a) Function for each task (20)	
b) Good use of parameters (16)	
c) Good use of return statement (14)	

3. Documentation (15%)

Requirement:	Score: (6 pts each)
a) Your name	
b) Due date of the assignment	
c) Title of the assignment	
d) Project description	
e) Descriptions of functions /sections of code	

4. Readability (15%)

Requirement:	Score (10 pts each)
a) Well-named variables and functions	
b) Use of extra lines to break up sections of code	
c) Placement of comments – above the code is typically better than to the right of the code, unless it is a very short comment	

5. Code Quality (15%)

Good choice of:

Requirement:	Score (10 pts each)
a) control structures - No recursive calls for menu	
b) variable types - int for all numbers	
c) efficiency - Use binary search for title search - Use good sorting algorithm	

Other Comments: