**Week7 lab 1 Task 01**

SDLC stands for **Software Development Life Cycle**. This is a process which consists of six parts they are as follows:

**1.Planning:**

This is the first part of the process; this involves gathering and analyzing the required software. Which Identifies the objectives resources and the risks of the software and verify the project is valid and passes to the Analysis part.

**2.Analysis:**

This is the analyzing part of the project and make sure that the functional and non-functional documents are being separated moreover to analyze to perform it.

**3.Design:**

This is the designing part of the project which the requirements are based on the design architecture. This designs the structure, user interface and other components by Software Design document.

**4.Implementation:**

This is done after the process of design where actual code is written for specific designs.

**5.testing & integration:**

As the implementation is completed make sure to have the proper security system for the project and all document is designed and check the testing.

**6.maintanance:**

So, the maintenance is the last part of the SDLC process, and this handles any issues at the system and makes a proper outcome of the project.

(2). The SDLC is used in part 3 of week 06 so the process from step 1- step6 is been followed through to make sure first of all make sure that the movies are planned due to the name and date and analysis in proper order and test whether they are correct and give the output of the coding of the movie listed.