*Use this shape, make it bigger/smaller to cover detail that you are not working on.*

Name:Click here to enter text.

*To complete the challenge you need to carry out decomposition and abstraction to produce flowcharts, you will then code it using Python. You need to evidence your code and comment on it in this assessment document. You have* ***3.5 hours*** *to complete this challenge, in silence. You can use all of the python files you have and your workbook to help:*

**Problem**

You need to create a menu screen for users of FakeFlix to choose one of the following options: a) View favourite films and select a film to watch b) View reviews and allow users to leave their own review about FakeFlix c) Add a film to the favourite’s section or d) exit the system**.**

**Zuckerberg** **Lovelace** **Turing**

When the user clicks 3 they can add a film to favourite film lists.

You will need to create a new list.

You will need ask the user for a film that they want to add to films, this answer will be added to a new list.

When the user clicks 3, they are then asked if they want to add a film to favourites or view all favourite films

You will need to create a new list.

You will need ask the user for a choice 1 or 2 for add or view.

You will need to ask for the film that they want to add to films, this answer will be added to a new list.

You will need to display all of the favourites.

When the user clicks 3, they are then asked if they want to add a film to favourites or view all favourite films

You will need to create a new list.

You will need ask the user for a choice 1 or 2 for add or view.

You will need to ask for the film that they want to add to films, these options should be pulled in from your films list - this will then be added to a new list.

You will need to display all of the favourites.

I have chosen to attempt challenge**;** Choose an item.

**Project evidence**

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| |  |  | | --- | --- | | Code - **Menu** | Result | |  |  | | Comment on the code. – This is your chance to explain your code  The use of keywords and good use of literacy will be assessed. | | |  | | |

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| |  |  | | --- | --- | | Code – **Leave a review** | Result | |  |  | | Comment on the code. – This is your chance to explain your code  The use of keywords and good use of literacy will be assessed. | | |  | | |

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| |  |  | | --- | --- | | Code – **Add films to favourites.** | Result | |  |  | | Comment on the code. – This is your chance to explain your code  The use of keywords and good use of literacy will be assessed. | | |  | | |

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| |  |  | | --- | --- | | Code – **Choose films from a list** | Result | |  |  | | Comment on the code. – This is your chance to explain your code  The use of keywords and good use of literacy will be assessed. | | |  | | |