1. How I approached the given assignment?

So firstly I extracted data using **Beautifulsoup library** from the links given.I have attached its code in the second cell of py file.And saved its output as a text file.

In the py file first I imported all the files for stopwords and of positive and negative words. And then started with function of **removing stopwords** from the text.

Then made the function for all the variables asked in the question.

And then finally at the last I applied all the function on all the text files by **extracting and analysing the text file** simultaneously on for loop function

1. How to run the .py file to generate output?

First import all the dependencies required in the .py file.Then import all the files(stopword,positive and negative words.input.xlsx) by pasting correct directory path on the required place.

Then run all the cells one by one and we can get desired output.xlsx file.

1. Include all dependencies required

The following libraries are required to include:

* Pandas
* Numpy
* Beautifulsoup
* requests
* nltk
* nltk.stopwords
* word\_tokenize from nltktokenize
* re

A1-Here we can capture Game Screen using library like OpenCV , then process the image to identifying game elements like player position,obstacles and targets.Can make algorithms to decide the next action ased on current game state.

The AI uses computer vision techniques like object detection, image recognition, and scene understanding to analyze the game screen.

A2-Yes, AI-driven animation is possible, and several AI/ML tools can be used to create such videos. AI animation involves using machine learning algorithms to generate, manipulate, or enhance animations.

AI/ML Tools for Animation

* Generative Adversarial Networks (GANs):
* Reinforcement Learning (RL):
* Deep Learning Frameworks:
* Computer Vision Libraries:
* OpenCV: For image and video processing