Understanding the Problem Statement:
We are tasked with creating a question-answering system based on a dataset of news articles, focusing on topics related to Israel, Hamas, Gaza, Palestine, war, and conflict. We have to create a Question-answer system which gives answers to the particular users query.

Analysing the Dataset:
We have a JSON file containing news articles. Each article has fields like ‘articleBody’, ‘dateModified’, ‘scrapedDate’, ‘source’, and ‘title’. We'll need to preprocess this data to make it suitable for our question-answering system.

Preprocessing the Data:
We then preprocessed the text by converting it to lowercase, removing unnecessary characters, and tokenising it. This will make it easier to work with the text data later on.

Filtering Relevant Articles:
We then filtered out articles that were relevant to our topics of interest. This can be done by checking if certain keywords (e.g., 'Israel', 'Hamas') are present in the article text.

Implementing BM25 Retrieval:
After carefully analysing the data and after preprocessing I have decided to BM25 retrieval algorithm. It is used for search queries and BM25 takes into account both term frequency (TF) and document length normalization to determine the relevance of a document to a given query.
So I initialized BM25 using tokenized articles.

Implementing T5 Question-Answering Model:
Then I used T5 model fine-tuned for question-answering tasks to generate answers based on the user query and the retrieved relevant articles.

Putting It All Together:
At last, I created a loop where the user can input questions, and the system will generate answers based on the input. The loop will continue until the user decides to exit the system.