Assignment 4: Hackathon/Group Activity

"""Hackathon Problem Statement:

Build a chatbot (infinite while loop with an exit command) which can do the following:

1. Classify input prompt as a positive or negative sentiment
2. Extract all Named Entities from the prompt
3. Classify if the prompt is requesting text information or image or translation

      a. Appropriately return image or text as response

      b. If the request is for an image, the bot should return at least 3 captions along with the image
      c. Translate from English to any other language of your choice

      Note: you can use any of the open-source models(GPT-2 etc to complete the activity)