
COURSE: Advanced AI
TOPIC: Using OpenAI Codex for Automatic Code Generation
DUE-DATE: Sunday 08th Feb 2026, EOD – IST

Important Instructions about Programming Assignments

1. Programming assignments will be evaluated automatically. **Do not** change the skeleton/template code provided to you.
2. Write your code **only in the designated places** in the skeleton/template code and process the input data provided to you in the designated variables. **Do not alter** the input-output structure in the skeleton code.
3. **Do not import** any additional libraries. **Do not use any additional files** for the processing (other than those mentioned in the skeleton code).
4. Failure to comply with these instructions may lead to you getting **zero marks** for the assignment, even if the solution is largely correct.
5. Remember that your output will be evaluated against test cases, therefore any deviation from the test cases will be considered incorrect during evaluation.

Objective: To use Flan-T5-XL LLM to determine output of a MCQ question with four options.

Problem: Write a Python program using the provided template to properly formulate the such that the model can output the correct option for the given MCQ question.

Instructions: Download the template program and write your code in the designated location mentioned in the comments. It accepts five parameters provided as a command line input. The first input represents the question and the next four input are the options. The output should be the option: A/B/C/D. Output should be in upper-case. There should be no additional output including any warning messages in the terminal.

Execution Syntax: python template.py <string> <string> <string> <string> <string>

The following examples are given for your reference:

Terminal Input: python template.py "What color is the sky on a clear, sunny day?" "Blue" "Green" "Red" "Yellow"
Terminal Output: A

Terminal Input: python template.py "What color is the sky on a clear, sunny day?" "Green" "Blue" "Red" "Yellow"
Terminal Output: B

Terminal Input: python template.py "What color is the sky on a clear, sunny day?" "Green" "Red" "Blue" "Yellow"
Terminal Output: C

Terminal Input: python template.py "What color is the sky on a clear, sunny day?" "Green" "Red" "Yellow" "Blue"
Terminal Output: D

NOTE: *You should create some similar examples on your own to test the correctness of your pipeline.*