```
AZURE OPENAI API INSTANCE NAME = 'MK-langchain-poc-aoai'
          JS index.js
                                          AZURE OPENAI API DEPLOYMENT NAME = 'gpt-35-turbo'
وړ
          .env
                                          AZURE_OPENAI_API_VERSION = '2023-12-01-preview'
          {} launch.json .vscode
       GROUP 2
        X Js index.js
                                              ×
                                   JS index.js
     ∨ 01-LANGCHAIN-... [ ☐ ☐ 🖰 🖰 🖒 🗇
                                    JS index.js > 分 <function>
B

✓ .vscode

                                          // console.log(process.env.AZURE OPENAI API KEYOPENAI API KEY);
       {} launch.json
                                          // const { ChatOpenAI } = require('langchain/chat_models/openai');
                                          const { ChatOpenAI } = require('@langchain/openai');
       > node_modules
                                          const { HumanMessage } = require('langchain/schema');
      .env
                                          // const apiKey = process.env.OPENAI API KEY;
Д
      JS index.js
                                          const apiKey = process.env.AZURE_OPENAI_API_KEY;
      {} package-lock.json
                                          // その後、apiKeyを使用してAPIを呼び出す
      {} package.json
(async () => {
                                            const chat = new ChatOpenAI({
品
                                              modelName: 'gpt-3.5-turb',
                                     12
                                               temperature: 0.9,
                                               topP: 1
                                             });
                                             const res = await chat.invoke([
                                              new HumanMessage('Hello, how are you?')
                                            ]);
                                            console.log(JSON.stringify(res, null, 2));
                                          })();
                                                                                                                                                             ■ ^ ×
                                    PROBLEMS
                                              OUTPUT
                                                       DEBUG CONSOLE
                                                                      TERMINAL
                                                                                PORTS
                                                                                                      Filter (e.g. text, !exclude)
                                     D:\Program Files\nodejs\node.exe .\index.js
                                     [WARNING]: Importing from "langchain/schema" is deprecated.
                                                                                                                                                            index.cjs:9
                                     Instead, please import from the appropriate entrypoint in "@langchain/core" or "langchain".
                                     This will be mandatory after the next "langchain" minor version bump to 0.2.
                                                                                                                                                            index.js:18
                                        "type": "constructor",
                                         "langchain_core",
                                          "AIMessage"
                                       "kwargs": {
```

AZURE_OPENAI_API_KEY = '50

 \mathcal{Q}

GROUP 1