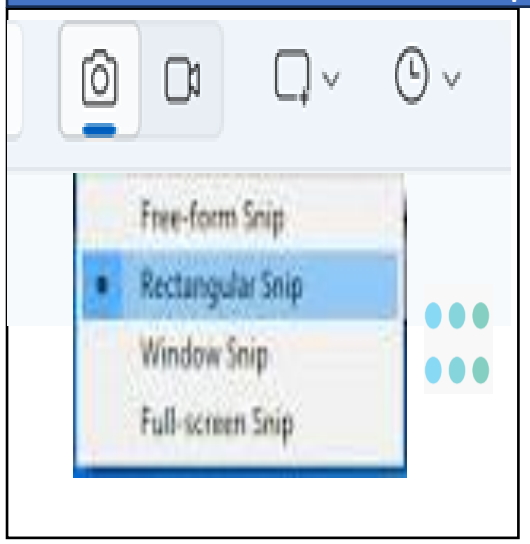
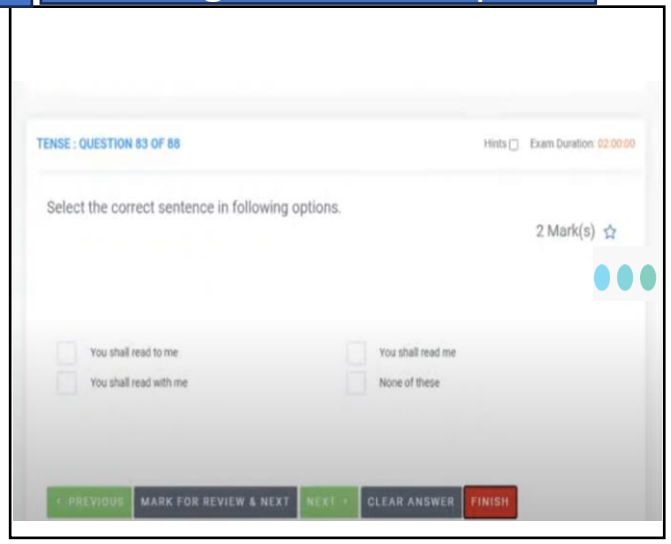
ExamProctorGPT: Automate the process of taking a screenshot (snipping) and then using the ChatGPT API

Automated Snipping and Answering Process ChatGPT

Step 1 Fix size for screen for snip	Step 2 Program Auto Snip	Step 3 Send to ChatGPT	Step 4 Small Windows Answer on same screen
			
Capture the Screenshot	**Extract Text from the Screenshot**	**Send Text to ChatGPT API**	**Display the Answer**

Step 1: Capture the Screenshot

```python
import pyautogui

# Capture a screenshot
screenshot = pyautogui.screenshot()

# Save the screenshot
screenshot.save("screenshot.png")
```

Step 2: Extract Text from the Screenshot

```python
from PIL import Image
import pytesseract

# Open the screenshot
img = Image.open("screenshot.png")

# Use Tesseract to extract text
text = pytesseract.image_to_string(img)
print("Extracted Text:", text)
```

Step 3: Send Text to ChatGPT API

First, you need to set up access to the OpenAI API:

```bash
pip install openai
```

Then, you can use the API to get a response:

```python
import openai

openai.api_key = 'your-api-key'

response = openai.Completion.create(
  model="text-davinci-003",
  prompt=text,
  max_tokens=150
)

answer = response.choices[0].text.strip()
print("ChatGPT Answer:", answer)
```

Step 4: Display the Answer

You can choose how to display the answer based on your application's requirements. For example, you could print it to the console, display it in a GUI, or save it to a file.

Here's a complete script integrating all the steps:

python

Copy code

```python
import pyautogui
from PIL import Image
import pytesseract
import openai

# Capture a screenshot
screenshot = pyautogui.screenshot()
screenshot.save("screenshot.png")

# Open the screenshot
img = Image.open("screenshot.png")

# Use Tesseract to extract text
text = pytesseract.image_to_string(img)
print("Extracted Text:", text)

# Set OpenAI API key
openai.api_key = 'your-api-key'

# Send text to ChatGPT API
response = openai.Completion.create(
  model="text-davinci-003",
  prompt=text,
  max_tokens=150
)

# Extract and print the answer
answer = response.choices[0].text.strip()
print("ChatGPT Answer:", answer)
```