

ChatGPT Interactive Activity. (CIA)

How to Use ChatGpt?

1. **Access ChatGPT:**

Go to chat.openai.com or use the mobile app and sign in or sign up.

2. **Ask Your Question:**

In the message box on the ChatGPT homepage, type your question or prompt.

3. **Get a Response:**

ChatGPT generates an answer based on your question, and it appears below your question.

Example:

ChatGPT ▾



You

multiple choice question on dynamic arrays c++



ChatGPT

Sure, here's a multiple-choice question on dynamic arrays in C++:

Which of the following statements regarding dynamic arrays in C++ is true?

A) Dynamic arrays in C++ are created using the `new` keyword and are automatically deallocated when they go out of scope.

B) Dynamic arrays can only be accessed using pointer arithmetic and cannot be indexed directly.

C) Dynamic arrays allow for resizing during runtime using functions like `resize()` or `realloc()`.

D) Dynamic arrays are a feature introduced in C++17 and are not available in earlier versions of the language.

Which one do you think is the correct answer?



ⓘ Don't share sensitive info. Chats may be reviewed and used to train our models. [Learn more](#)


Message ChatGPT



ChatGPT ▾

Which one do you think is the correct answer?

 You
A

 ChatGPT
Actually, option A is incorrect.

The correct answer is:

C) Dynamic arrays allow for resizing during runtime using functions like `resize()` or `realloc()`.

In C++, dynamic arrays are created using the `new` keyword, but they are not automatically deallocated when they go out of scope; you must manually deallocate them using the `delete[]` operator to avoid memory leaks. Additionally, dynamic arrays can be accessed using pointer arithmetic or array indexing, just like static arrays.

Feel free to ask if you have any more questions or need further clarification!



A team of up to 4 students will use ChatGPT to develop a set of 40 questions (preferably coding in C++) based on the template provided. (5 multiple choices ,5 True false, 5 Word answer question, 5 fill in the blank or short answer). A short video to explain the correct answers should be submitted.

Name convention: **Group#_CIA1.txt** and .zip (see below) and **Group#_CIA1_V** (one student can record an explanation of answers.

Question number 41 should be an evaluation of the quality of the questions as a multiple choice of 1 to 10 (10 Excellent) should contain Group#. Rate the quality of this quiz done by Group#. Select one option only.

Once the professor uploads your quiz. All students will have the opportunity to try the quiz and evaluate it based on question 41. The grade of the CIA assignment will be the ranking x 10.

Verification before you submit: Convert your .txt into .zip using.

How to convert .txt to QTI

Using this website:

https://www.nyit.edu/its/canvas_exam_converter

ASSESSMENT TITLE

Group#_CIA1

POINTS PER QUESTION

1

PASTE YOUR FORMATTED EXAM IN THIS BOX.

Paste your questions Here

CHECK FOR SYNTAX ERRORS **CONVERT TO CANVAS QTIFILE.**

Submit .txt .zip and the videos into canvas. **One Submission per team**

(One student can submit all the files)