**Mod 3: Critical Thinking**

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CSC450-1

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**Execution:**

*A screenshot of a computer

Description automatically generated*

**Code:**

**#include**<iostream>

//Standard namespace declaration

**using** **namespace** std;

//Main Function

**int** **main**()

{

**int** a;

**int** b;

**int** c;

**int**\* arr = **new** (nothrow) **int**[3];

**for** (**int** i = 0; i < 3; i++) {

cout << "Enter a number: ";

cin >> arr[i];

}

cout << "From pointer: ";

**for** (**int** i = 0; i < 3; i++) {

cout << arr[i] << " ";

}

a = arr[0];

b = arr[1];

c = arr[2];

cout << "\nFrom variables: " << a << " " << b << " " << c;

**delete**[] arr;

}

**Git:**

https://github.com/SevRnce/c\_mod\_3