

Dynamic Memory Allocation

Activity

Dynamic Memory Allocation

- Create a C++ program that shows that regular program variables and function variables are stored in a different location than “allocated” variables
 - Show which items are located close to each other and which are far apart (stack vs. heap)
 - Show how much room 5 ints takes up (where are they located?)
 - Show how much room an **array** of 20 ints takes up (where are they located?)
 - Show how much room allocating 20 ints using **new** takes up (where are they located?)