

CS 677 - Analysis of Algorithm  
Fall Semester  
Homework 5 - Task 3 Code Description

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In the program for task 3, there are only one function to check whether an array is a max heap or not:

- `bool checkMaxHeap(float arr[], int n)`: The running variable run from 0 to half of array size and compare the value of parent node with its children's node value. If the value of parent not is smaller, the function will print "This is NOT a max heap" and return "false". Otherwise, it will return "true" for the max heap.

To comply my code, use command `g++ -o task3 checkMaxHeap.cpp`, and run the executed file by command `./task3` in the terminal.