1- Given the following code for the so-called Hiring problem:

Assume that the cost of interview (line #3) is C_i and the cost of hiring (line#6) is C_h . If $C_h >> C_i$, what is the **worst-case** running time of this code?

- 2- write a Java code for the right dominant problem in Lecture 1
 - Verify your code using the given input: (10; 9; 5; 13; 2; 7; 1; 8; 4; 6; 3)
 - What is the running time of your code? Show all analysis.
 - Can you propose a linear time code? Show all analysis. What is the limitation?