Warm-up Worksheet

Please, provide complete solution(s) to the following problem(s):

Problem 4.1. (5 points) Consider the function \( f(s) = (s - 100)_+ \).
   
   (i) (2 points) Draw the graph of the function \( f \).

   
   (ii) (2 points) What is the slope of the line through the points \( (80, f(80)) \) and \( (115, f(115)) \)?

Problem 4.2. (5 points) Consider the function \( g(s) = (100 - s)_+ \).
   
   (i) (2 points) Draw the graph of the function \( g \).
Problem 4.3. (5 points) Consider the function $h(s) = (s - 100)^+$. 

(i) (2 points) Draw the graph of the function $h$.

(ii) What is the slope of the line through the points $(90, h(90))$ and $(110, h(110))$?