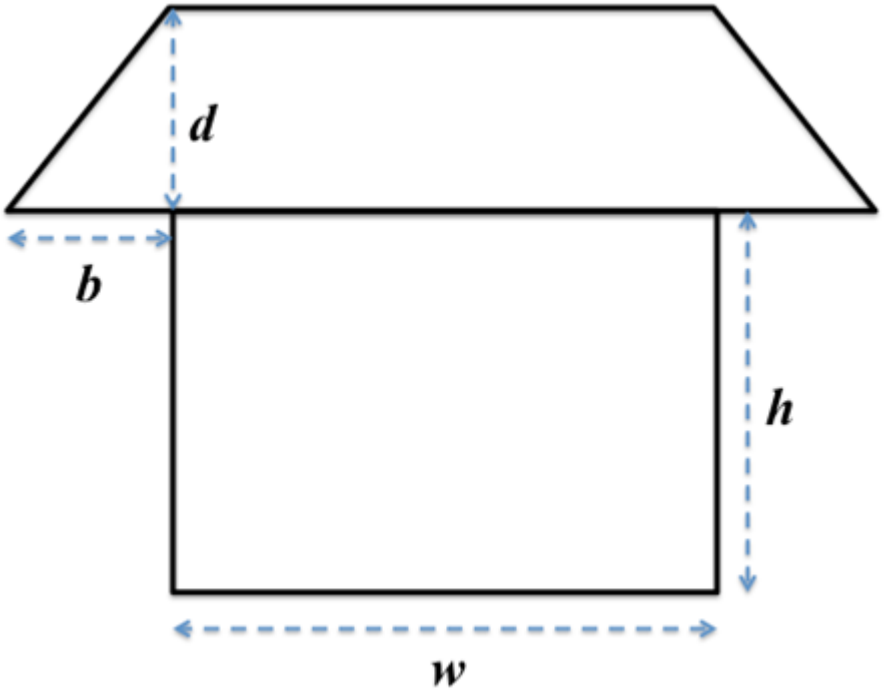
1. Write a short Python function, ismultiple(n, m), that takes two integer values and returns True if n is a multiple of m, that is, n = mi for some integer i, and False otherwise.

2. Write a short Python function, is even(k), that takes an integer value and returns True if k is even, and false otherwise. However, your function cannot use the multiplication, modulo, or division operators.

3. Write a short Python function, minmax(data), that takes a sequence of one or more numbers, and returns the smallest and largest numbers, in the form of a tuple of length two. Do not use the built-in functions min or max in implementing your solution.
4. Write a short Python function that takes a positive integer n and returns the sum of the squares of all the positive integers smaller than n.



5. Define a Python function called computeArea that has four parameters representing the dimensions b, d, w, and h in the figure above. The function should compute the area of the shape, and return this area to the caller. Test your function by calling the function from the command prompt, giving different values for the parameters, including the values below, which we used in class on Friday. Do you get the expected answers? b=3 d=4 w=9 h=7
6. Write a function that accepts a grade and returns the corresponding letter grade based on Ashesi's grading system
7. Write a program that takes your full name as input and displays the abbreviations of the first and middle names except the last name which is displayed as it is. For example, if your name is Robert Brett Roser, then the output should be R.B.Roser.
8. Write and run a Python program that asks the user for a temperature in Celsius and converts and outputs the temperature in Fahrenheit. Ask the user to input the temperature.