

You have M dollar fund. You want to purchase three items with prices x_1 , y_1 , and z_1 , respectively. You then sell these three items at price of x_2 , y_2 , and z_2 , respectively. Write a program to find out what is the purchase plan (how many you need to purchase for each item) to reach the maximum profit. Note that the price of these items should be in float point.