CSC148 Summer 2016 Quiz 09 (15 minutes)

First_name Last_name Lab_room# Define a function remove_duplicates, which takes a corted list, and returns a new list with the same items as the original, but without duplicates. Note that this function does not mutate the original list. , Do Not change original list **Important note:** take advantage of the fact that the input list is sorted, to write an efficient code. def remove_duplicates(lst): Return a sorted list containing the same values as <1st>, but without duplicates. Precondition: <lst> is sorted. :param lst: a sorted list :type lst: list rtype: list >>> remove_duplicates([1, 2, 2, 2, 3, 10, 10, 20]) [1, 2, 3, 10, 20] new-18t = [] temp = 1st [o] new_lst, append Ctemp) J . - · h-2 if (en ((ST) >0; for item in 1st; etreck Safety for in renger (en (1st) -1): of lotei] + (or [i+1]. to need result, append (Ist [it(]) temp = item. treat one is not (temp) current one. vetura realst. retun result.