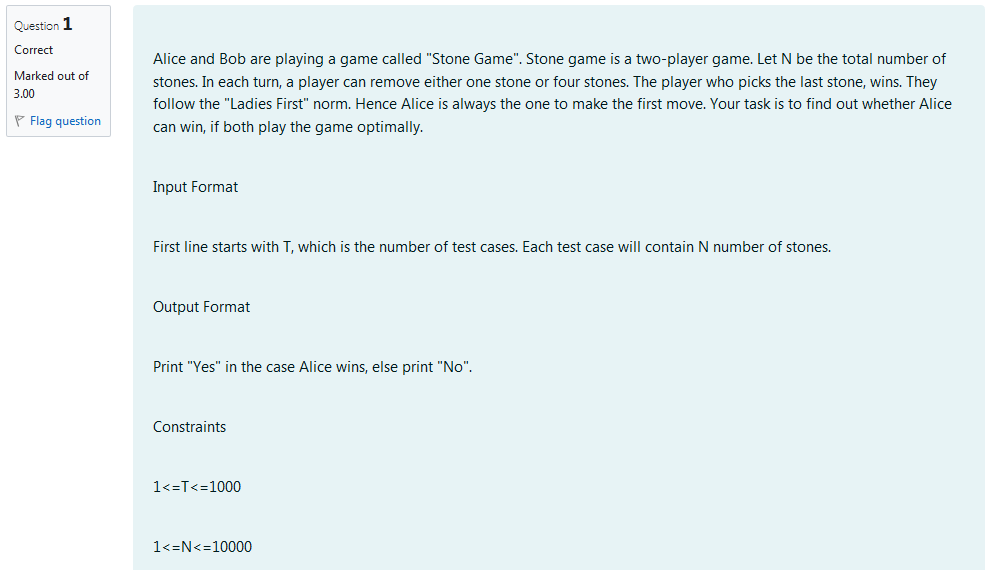
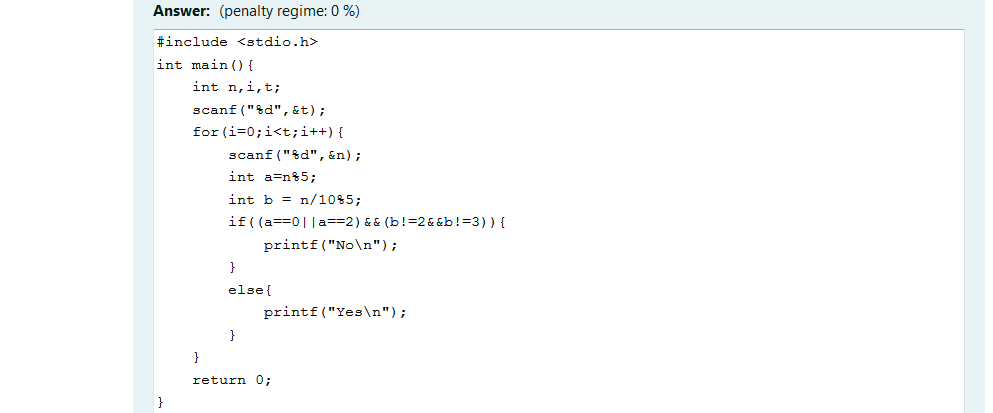


Question 1:

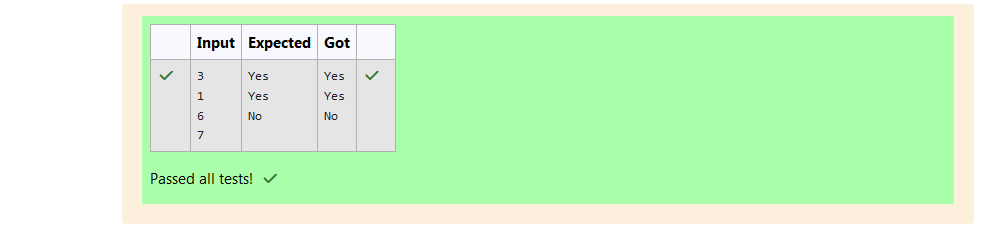




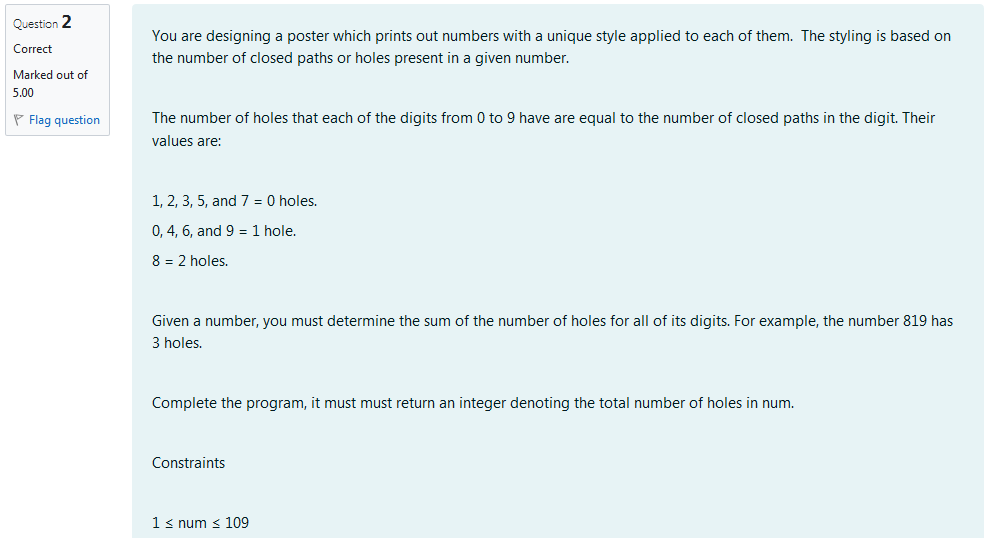
Code:

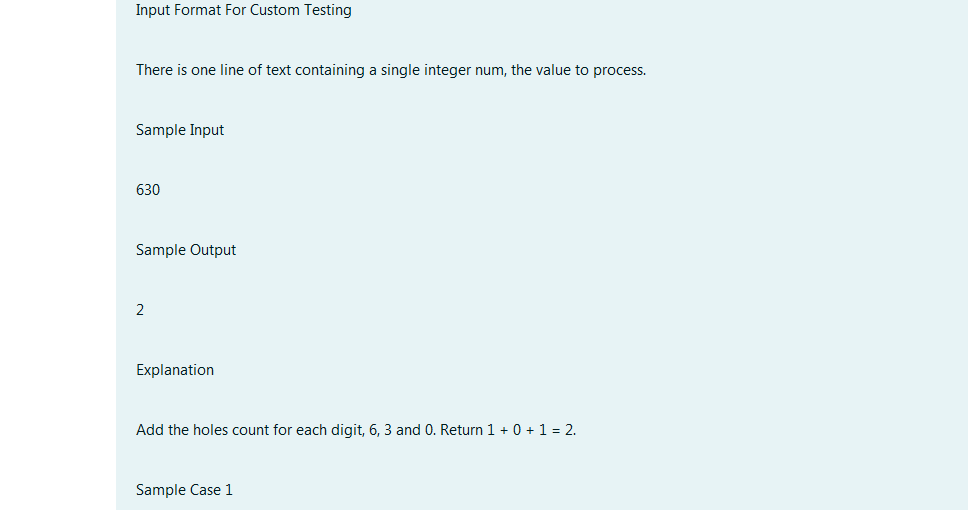


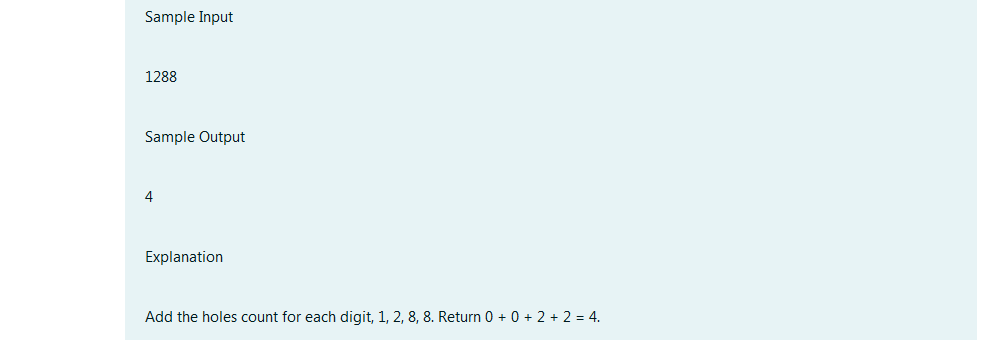
Output:



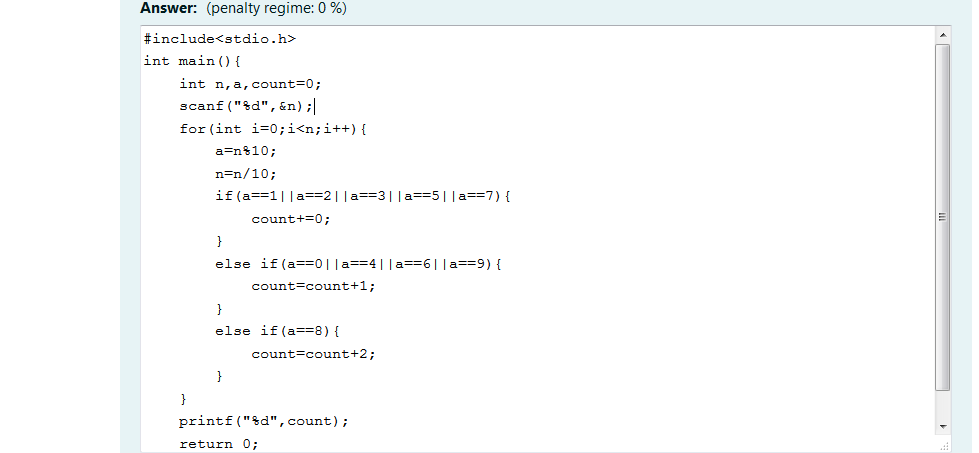
Question 2:



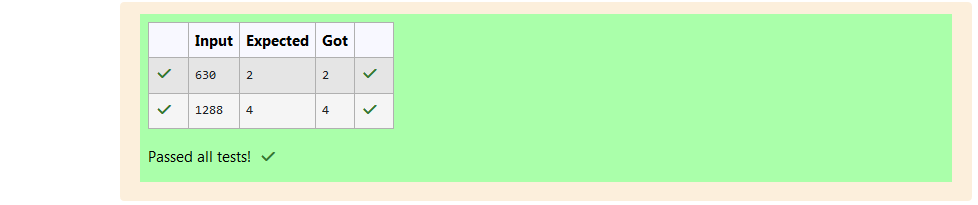




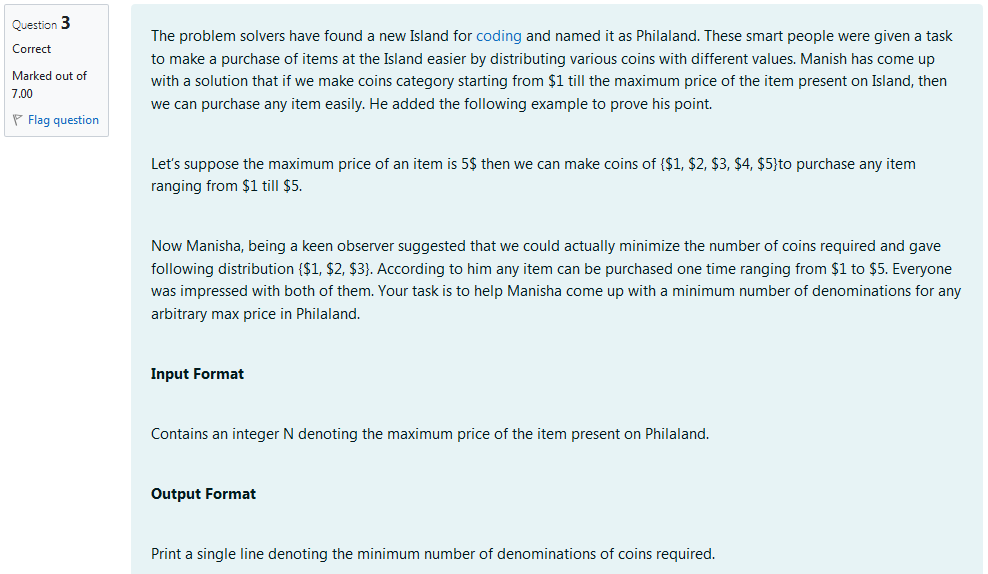
Code:

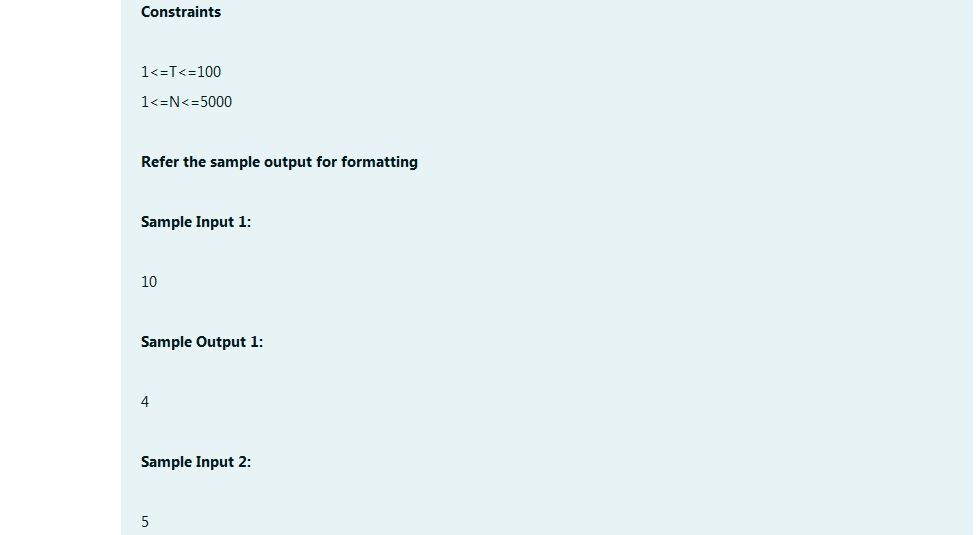


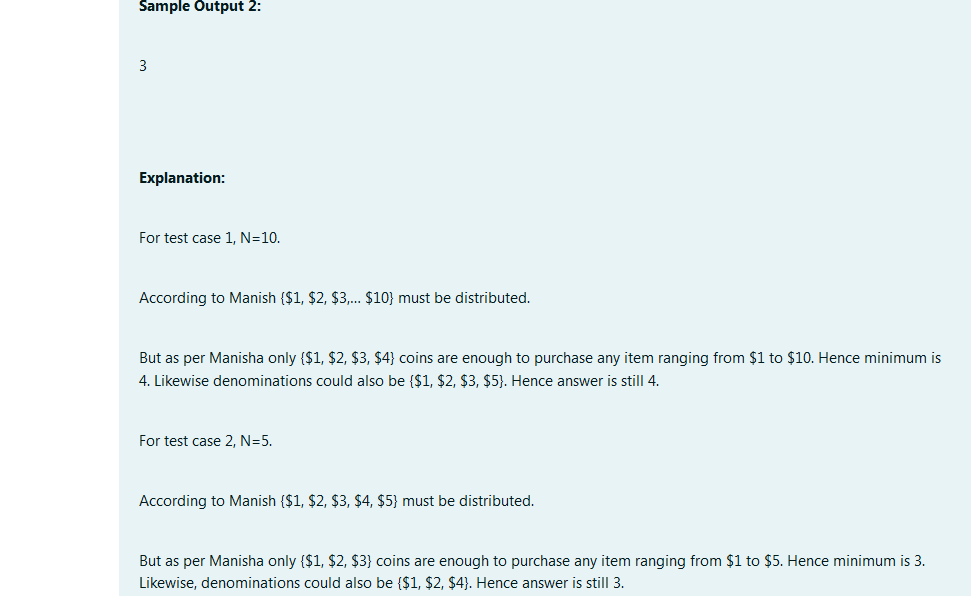
Output:



Question 3:







Code:



Output:

