FLAMES 04

Alright guys in the previous videos you had seen what is this game of flames, how is it played? We had taken some example and then we had traced through every step of the game how is it played then in the next video we had seen some pre requisites that is needed to quote flames one was using the functionality of string like replace, upper, lower etc and the other one was you have to know how to slice some part of the list so we are going to deal with list so we are going to convert a string into list of characters and that is how we are going to process it. So you have been given some insides on how you slice a list and how you deal with parts of list and all that's what was given to you and index functionality was given to you that will be of great use for us, so let us now go ahead with the programming part so for that before starting of that i have recommended you that you analyse the game you understand the previous two videos understand the procedure of the game and then you use the pre requisites that has thought to you in the second video and based on these two you try coding flames and then in case you have done something you can verify what you have done with what we are telling and in case if it differs what i am going to say now is not the only way which you can do you can do with multiple ways so that may be some differences with which what you have tried and what i have been showing there maybe some differences so in that case please do discuss your strategy in the discussion form, so will be very happy to help you out on your approach and how it will work will it work in all cases that's will help you out so you please go ahead and try it yourself then you come back and check here so just use this video as the verification for what you had tried. So don't completely, blindly follow this video and code line by line you try yourself and come back and use it as a guide. This video is a just a guidance for you and how you can code flames, this is just one way by which you can do, there are many ways this is not the only way there can be multiple ways so you try out the different ways and please do discuss on the discussion form. Ok so let's starts off with this as i have said first thing is we need to let me say i had imported string and now i have to input the name of the two persons so let me say person one p one i will get the name so to get the input i have to use the functionality input function input input and i have to give the message here i will say enter first person name let me call it as first person name i will get the input alright there may be a case that the person may use combination of capital letters and small letters as i have said the replace functionality and all the functionality so strings are case sensitive that is if you give capital letter it will strictly look for capital letter, it won't consider the corresponding small letter version so it is case sensitive so it is better that we convert this input into a common format by using either of the upper or lower functions so i had demonstrated both of the things in the previous videos you can use whatever you wish so this is to ensure that the comparison are not skipped for example we had taken the names ajay and priya assume that they are using capital letters for the first letter of their name and rest they are using in small letters so if he will give an input as capital A j small j small y and the second input will be capital P small r small i small y small a so when you compare it will say capital A which is the first letter of ajay and small letter which is the last letter of priya it will say they are different but where as we want them to be considered as same so it is better that we convert them into a common format so that is why we are going to convert it into lower case let us say lower case so i will convert it into lower case so my new input will be my new

the name of the person my new name will be p one dot lower that is a functionality i am going to convert it into lower case so i had said this is just to ensure that the input is in the uniform format so this is how you converted into lower case and full name i had just taken the first names in the example that i have considered in case you are typing in your full names there may be the case that you may give your first name give a space then give a sir name for example ajay Sharma if that is the name ajay space Sharma they may input this space shouldn't cause a problem anywhere so will trim out all the spaces from the name what if the first person has the lengthier name if it is ajay Sharma and the second person doesn't have the sir name it just priya this space should not be counted as the extra character in the future runs and that shouldn't cause the problems so will trim off all the spaces from the names so that will be what we will be doing here for that we will use the replace functionality that we had seen, so will do that the p one is now p one dot replace what do i want to replace the space with empty character nothing the space must be trimmed that's what i want, so i am replacing it this is what i have done this is just to make sure that the space doesn't cause problem in the final computation so we had done it for the person one the same goes for person two so let me copy and paste it and do some modifications its person two here its person two here even its person two its person two person two so what have we done till now? We have got the name, we have converted everything into lower case so that the miss matches due to one being in the upper case and one being in the lower case doesn't occur we are converted everything into uniformly into lower case you can even do it for upper case and other thing what we have done it we have trimmed the spaces so whatever wherever we have the spaces we have cut off the spaces and we have made it into a just list of characters we just sequence of characters is what we have now. So we have the sequence of characters i have said so we have to convert it into list so let me say l one for list one let me say l one is nothing but i have to convert it into list so how will we do that using the list function list of the first person name p one so you have the list of characters similarly we wanted for l two the list of for p two the list of all the character in p two the person two name so now we have the list what should we do? We should remove the matching remove the matching letter from this list one and list two you have to remove this matching letter so this is what you want to do now so its not just one letter it is multiple letters so this has to run inside the loop just give a pause here and think how can you do it, this requires some amount of logical thinking to get it perfect so pause here for some time and think will see how this functionality can be implemented in the next video.