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| **Name: SUNDEEP A** | **SRN: PES1UG20CS445** | **Section: O** |
| **Date: 3-06-2021** | **Week Number: 5** |

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| **1** | 1)Write functions to  a) Reverse a string.  b) Check for equality of strings.  **Input1:**  Enter string  abbcbba  **Output1:**  Reversed string is = abbcbba  Given string is abbcbba is palindrome  **Input2:**  Enter string  hi  **Output2:**  Reversed string is = ih  Given string is hi is not palindrome |
|  | **Program:** |
|  | **Output Screenshot:** |
| **2** | Write function to find all occurrences of a character in a string and use this function to replace all occurences of a character by specific character.  Input1:  Enter the string : Welcome to C programming  Enter a character to replace: o  Enter character to replace with r : @  Output1:  Before replace: Welcome to C programming  After replace: Welc@me t@ C pr@gramming |
|  | **Program:** |
|  | **Output Screenshot:** |
| **3** | Write a function to remove all repeated characters from a given string and display the string without duplicate characters.  **Input 1:**  Enter any string: hello world  **Output 1:**  String before removing duplicates: hello world  String after removing duplicates: helo wrd  **Input 1:**  Enter any string: programming in c  **Output 1:**  String before removing duplicates: programming in c  String after removing duplicates: progamin c |
|  | **Program:** |
|  | **Output Screenshot:** |
| 4 | Write function to Concatenate two strings and use this to concatenate n (i.e, say 2) strings.  **Input 1:**  Enter 1st string  pes  Enter 2nd string  university  Enter number of times u want to append  1  **Output1:**  Concatenated string is pesuniversity  **Input2:**  Enter 1st string  pes  Enter 2nd string  university  Enter number of times u want to append  2  **Output2:**  Concatenated string is pesuniversityuniversity |
|  | Program: |
|  | Output Screenshot: |