**EXCEL ASSIGMENT-7**

Q1. Write a formula which returns “Palindrome” or “Not Palindrome” for a given word

Step-1. Remove space between the word using Substitute Function = Substitute (A2,” “,””)

Step-2. Remove Commas, exclamation marks and other punctuation symbols.

We wrap this in Sumproduct Formula so that we can check for Palindromes for given word.

Formula=IF(SUMPRODUCT((MID(B2,ROW(OFFSET($A$1,,,LEN(B2))),1)=MID(B2,LEN(B2)-ROW(OFFSET($A$1,,,LEN(B2)))+1,1))+0)=LEN(B2),”It’s a Palindrome”, ”It’s not a Palindrome”)

