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Faculty of Technology and Engineering

## U & P U. Patel Department of Computer Engineering

Date: 10 / 3 / 2022

## Practical List

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| --- | --- | --- | --- | --- | --- |
| Academic Year | : | 2021-22 | Semester | : | 4 |
| Course code | : | CE259 | Course name | : | Programming in Python |

**Note: Practical List is for Students. We need to cover concept require to implement respective practical**

* ***AIM:***

Given a string, you need to tell if it is a lapindrome.

# * CODE & OUTPUT:

***Software used:*** Anaconda

# * CONCLUSION:

Lapindrome is defined as a string which when split in the middle, gives two halves having the same characters and same frequency of each character. If there are odd number of characters in the string, we ignore the middle character and check for lapindrome. For example gaga is a lapindrome, since the two halves ga and ga have the same characters with same frequency. Also, abccab, rotor and xyzxy are a few examples of lapindromes. Note that abbaab is NOT a lapindrome. The two halves contain the same characters but their frequencies do not match.