

NORTH WESTERN UNIVERSITY



Report

Course Code: CSE-2104

Developed By :

Sheikh Mahfuzul Islam Rafi

ID: 20221141010

Tanha Ferdousi

ID: 20221160010

Amlan Mallick

ID: 20221149010

Tasnia Yeasmin Tuba

ID:20221151010

Dept. of CSE

North Western University

Khulna

Special ThanksTo :

Md. Shymon Islam

Lecturer

Dept. of CSE

North Western University

Khulna

Table of Contents:

1. Introduction

2. Description

2(i). **Startpage**

2(ii). **New Node**

2(iii). **Insert**

2(iv). **Update**

2(v). **Remove**

2(vi). **Search**

2(vii). **Reset**

- **Introduction:**

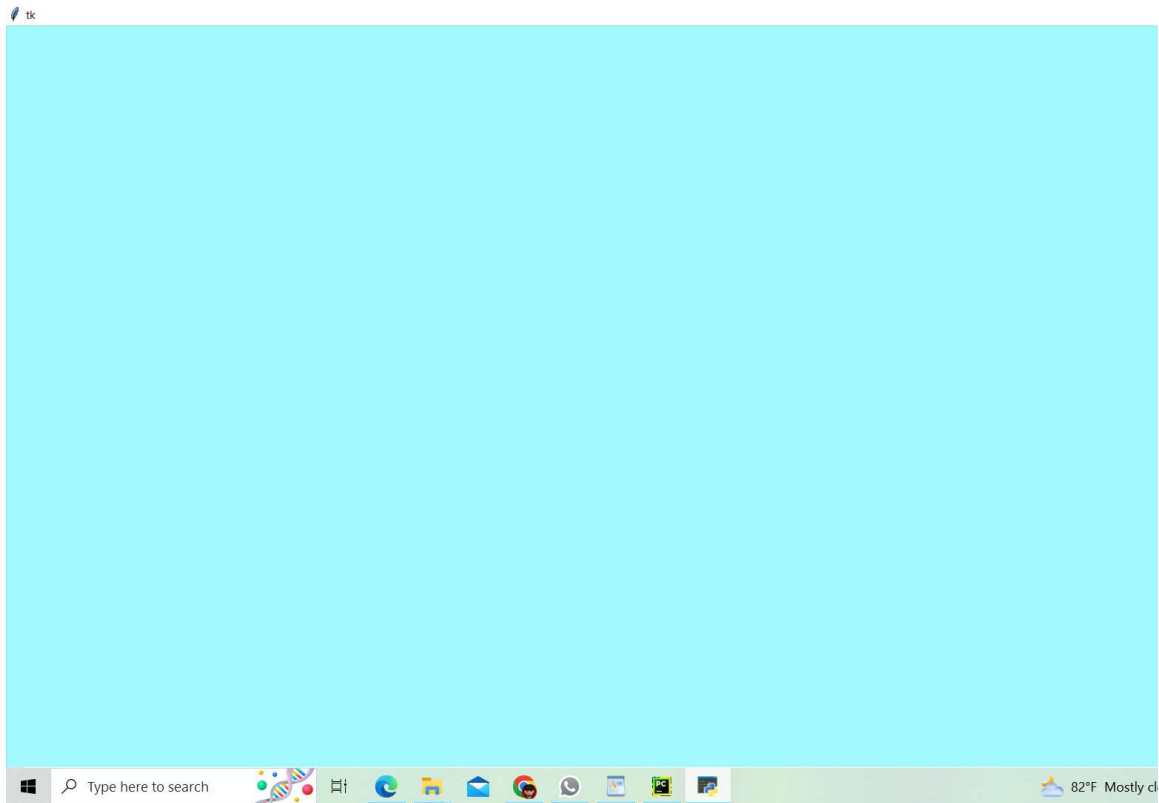
Python is a widely used general-purpose, high level programming language. It was created by Guido van Rossum in 1991 and further developed by the Python Software Foundation. It was designed with an emphasis on code readability, and its syntax allows programmers to express their concepts in fewer lines of code.

Python is a programming language that lets you work quickly and integrate systems more efficiently.

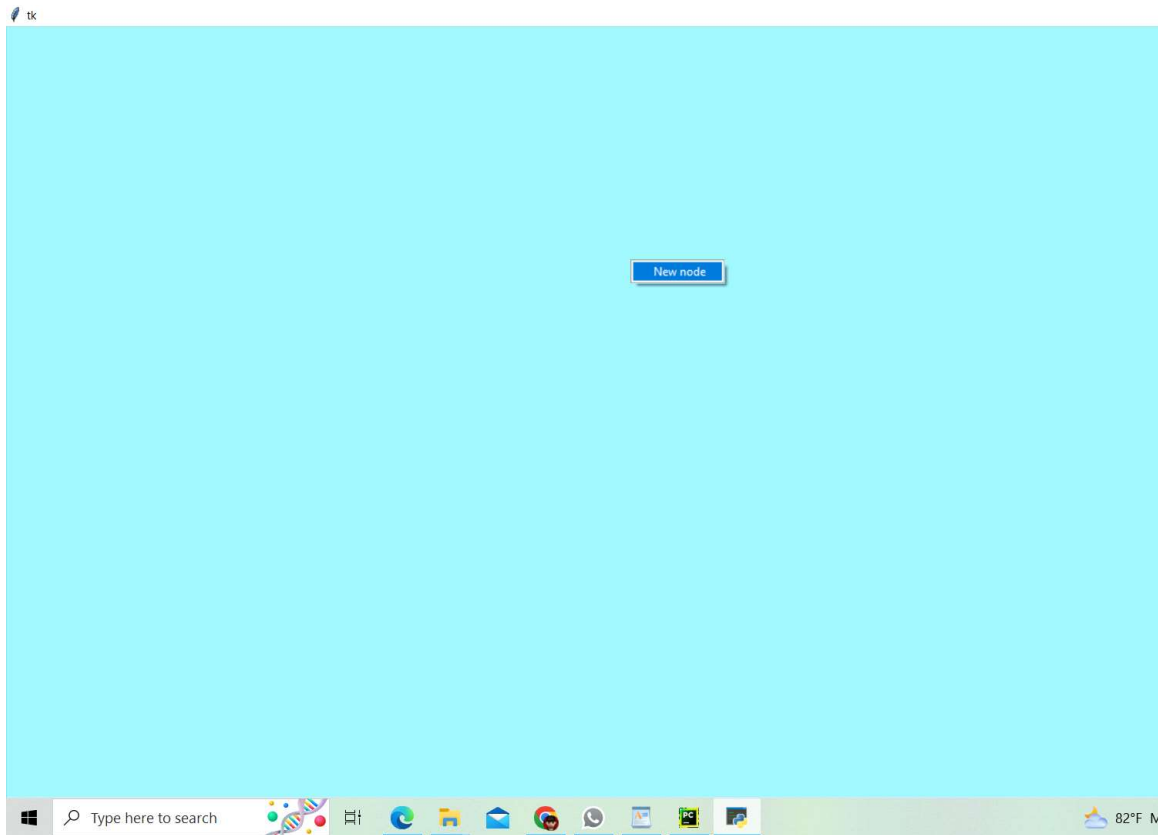
There are two major Python versions: Python 2 and Python 3. Both are quite different

- **Description:**

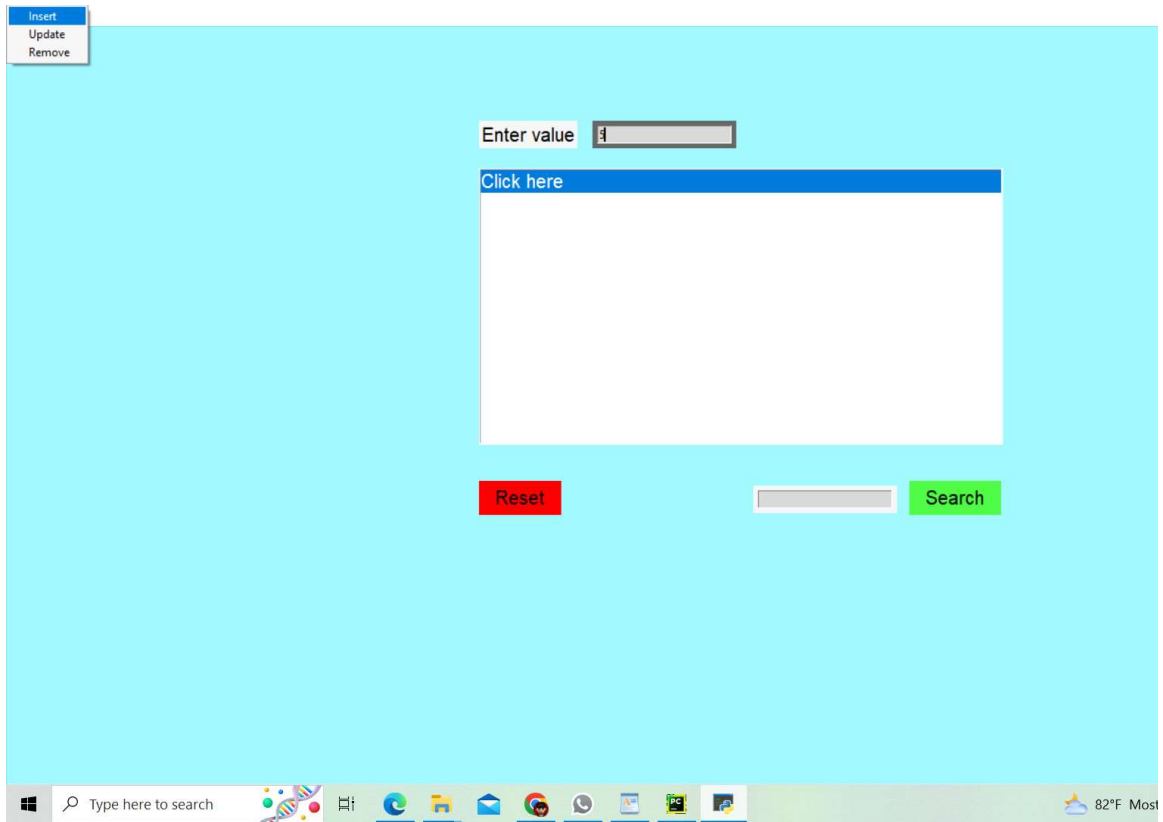
3(i). Startpage- This is the startpage of our project. This page is actually empty .



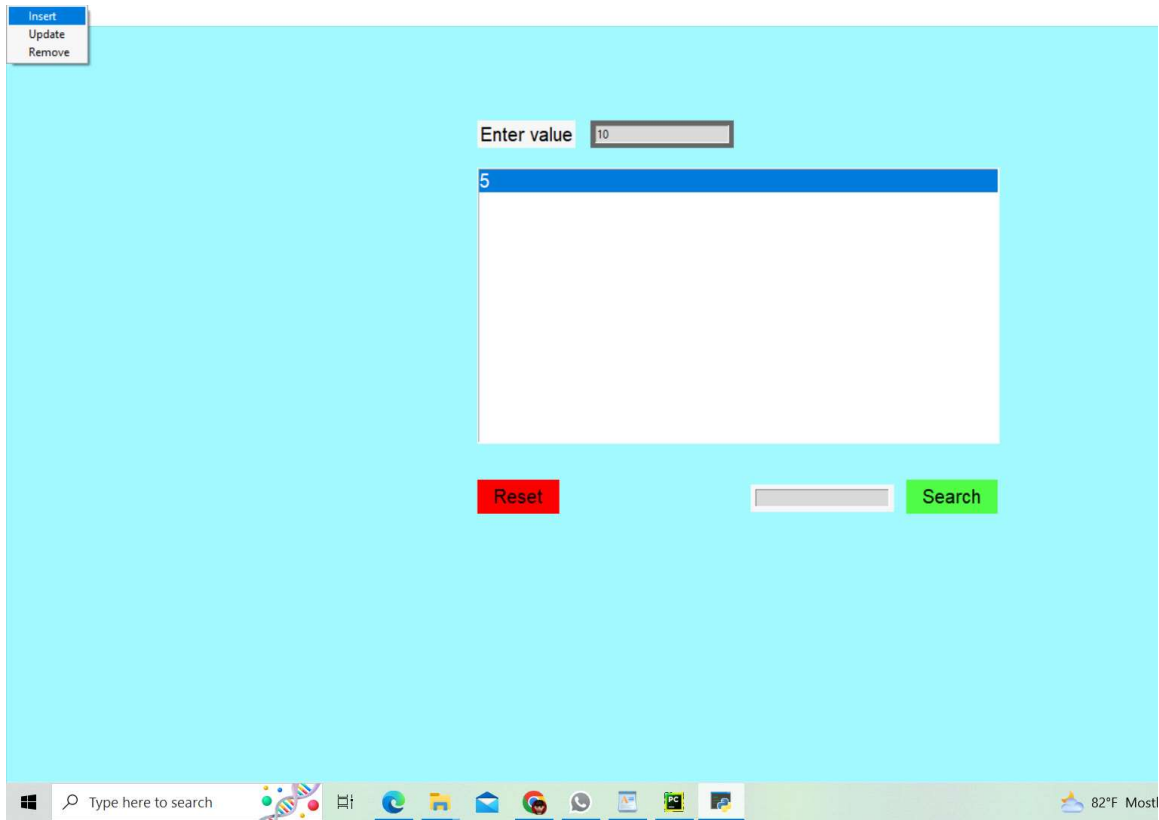
3(ii). New node- To perform operations, right click anywhere on the canvas. Afterwards we get New node options. select the option “**New node**”.



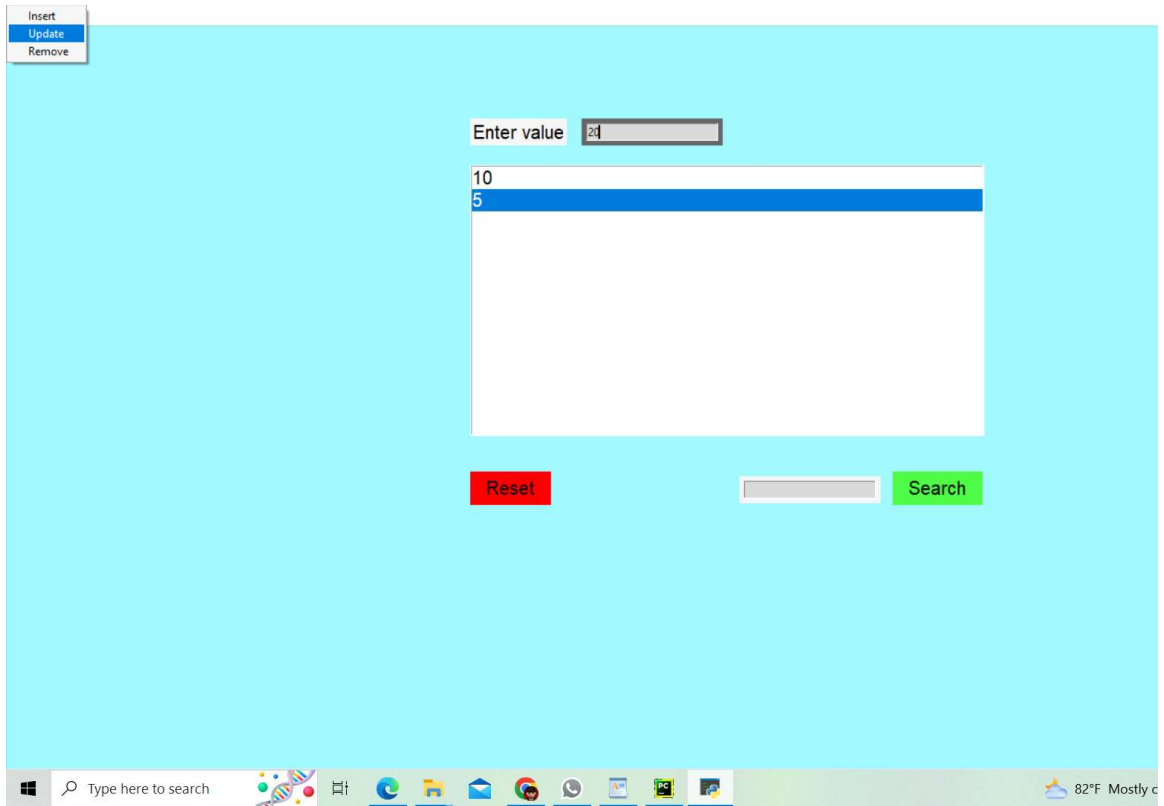
3(iii)Insert- Then it will go to a page where we can enter any data and insert .In this case we insert '5' .



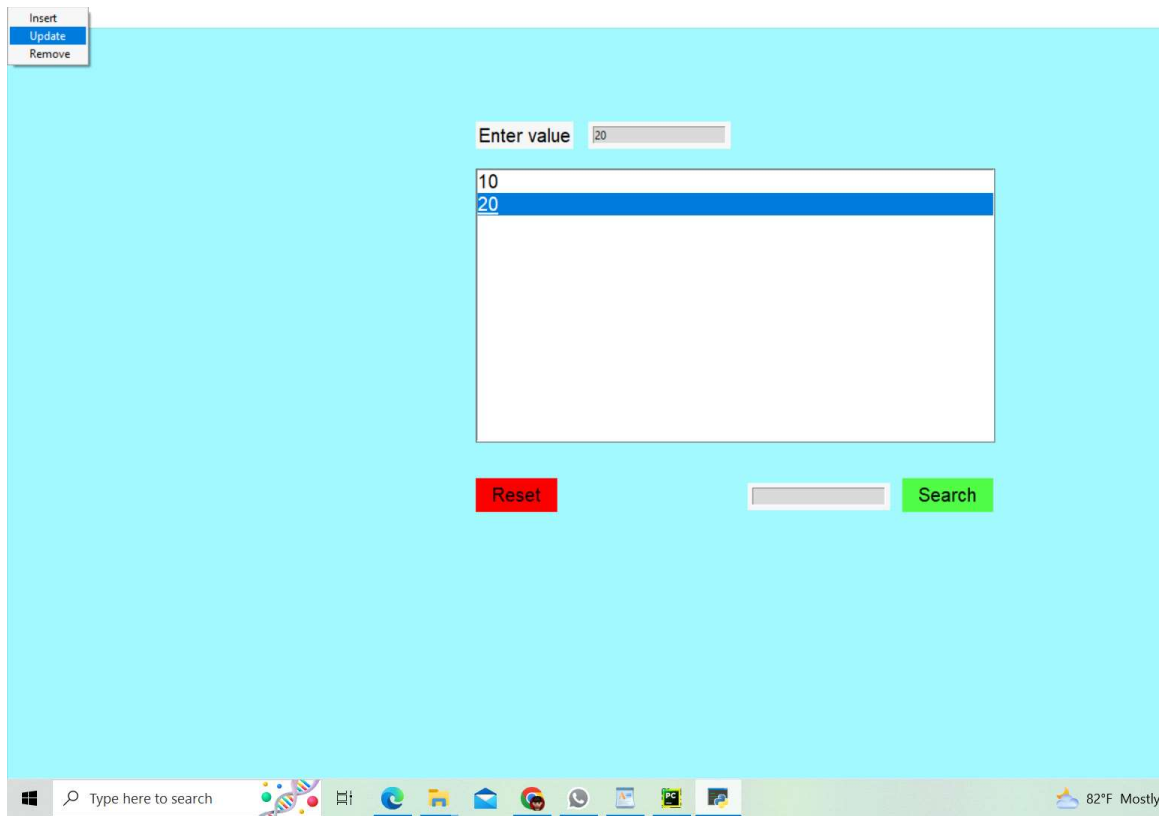
The value will be displayed on the screen.



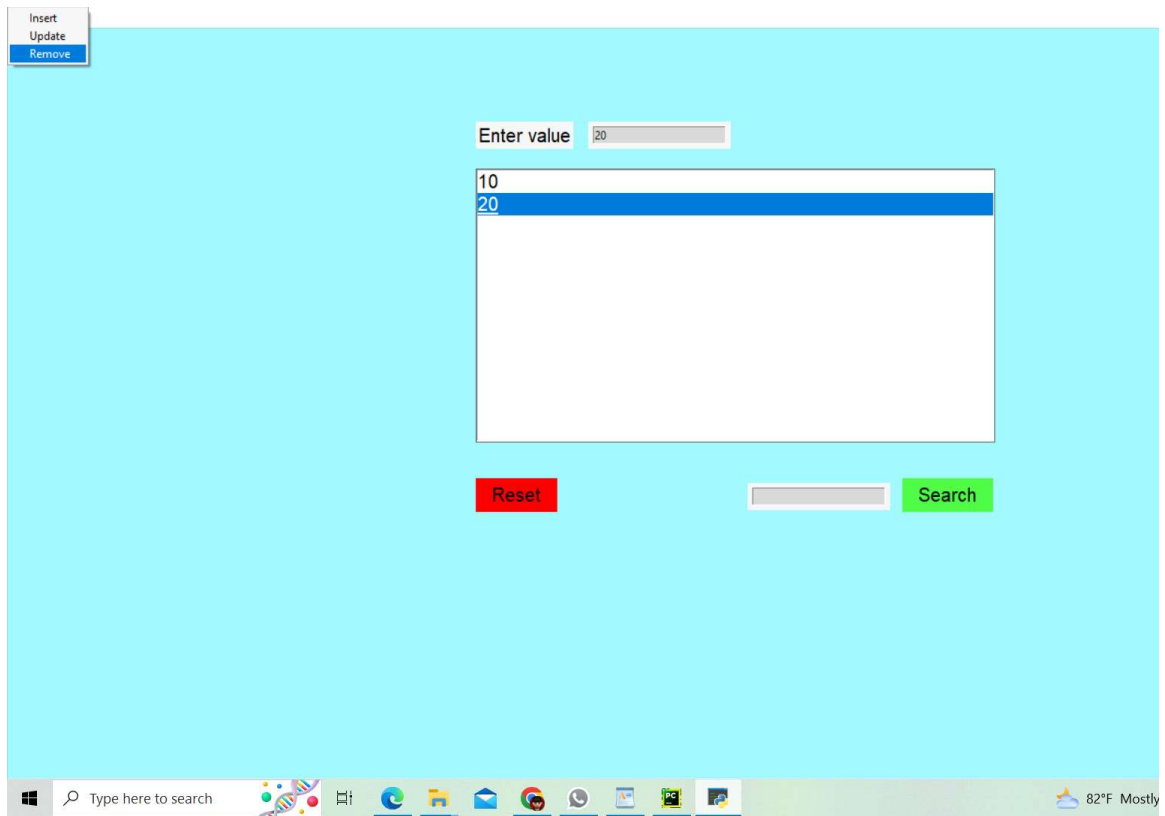
3(iv). Update- We can get the update function by clicking on any data. There will be an “**Update**” button in the submenu.



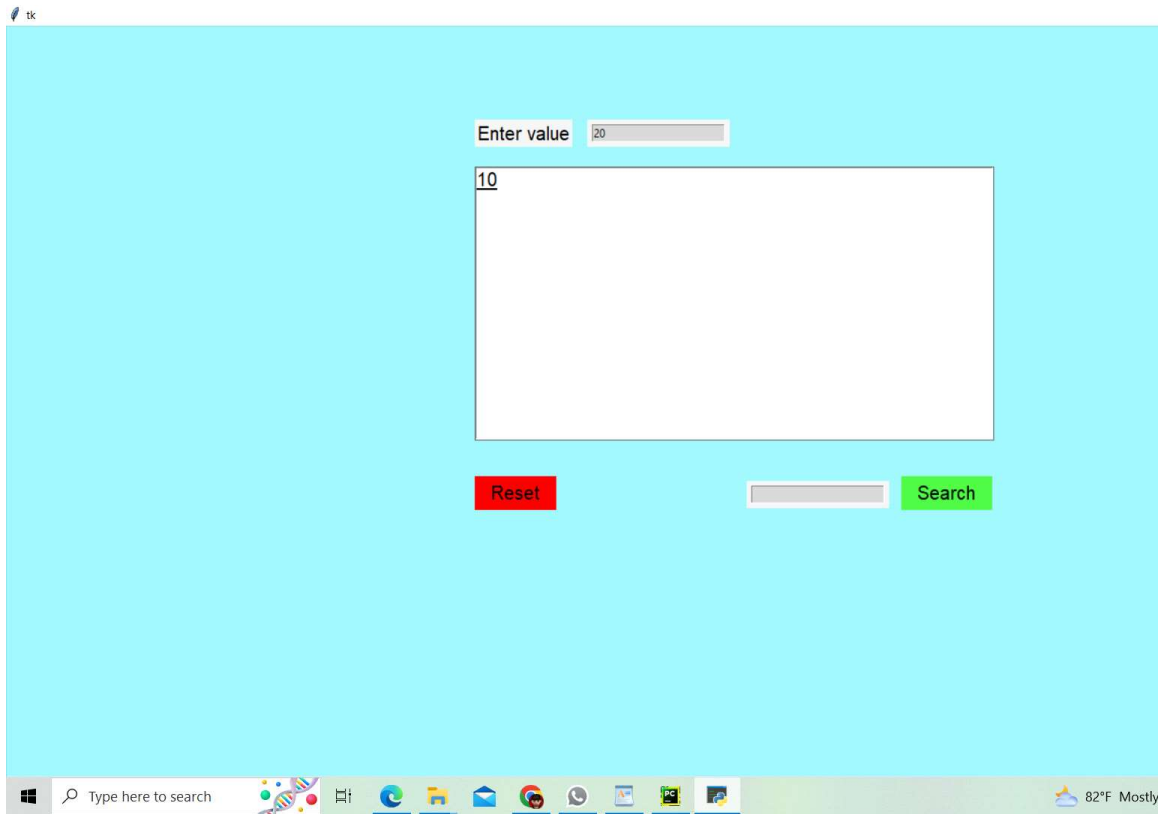
Enter the Updated value in the entry box and click update, then it will display the updated list.



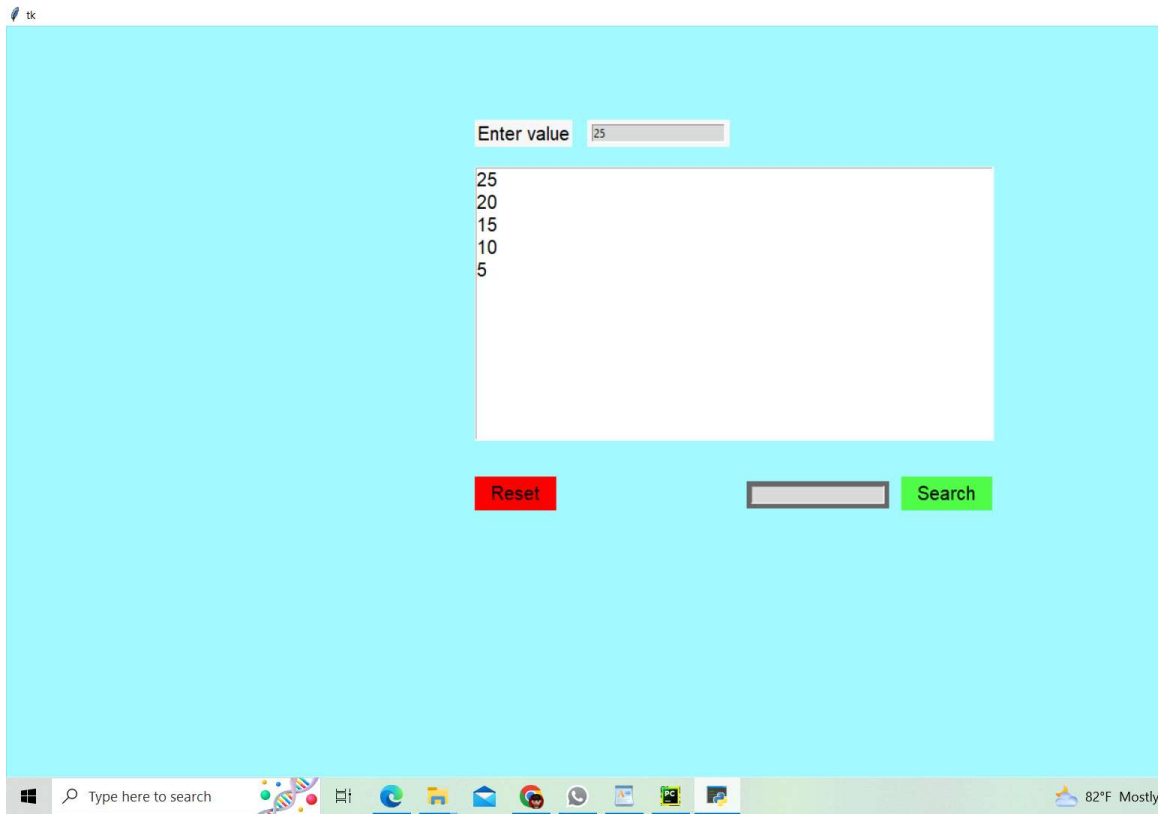
3(v). Remove- If we want to delete a data, we can simply click on that data and click “**Remove**” option from the submenu.



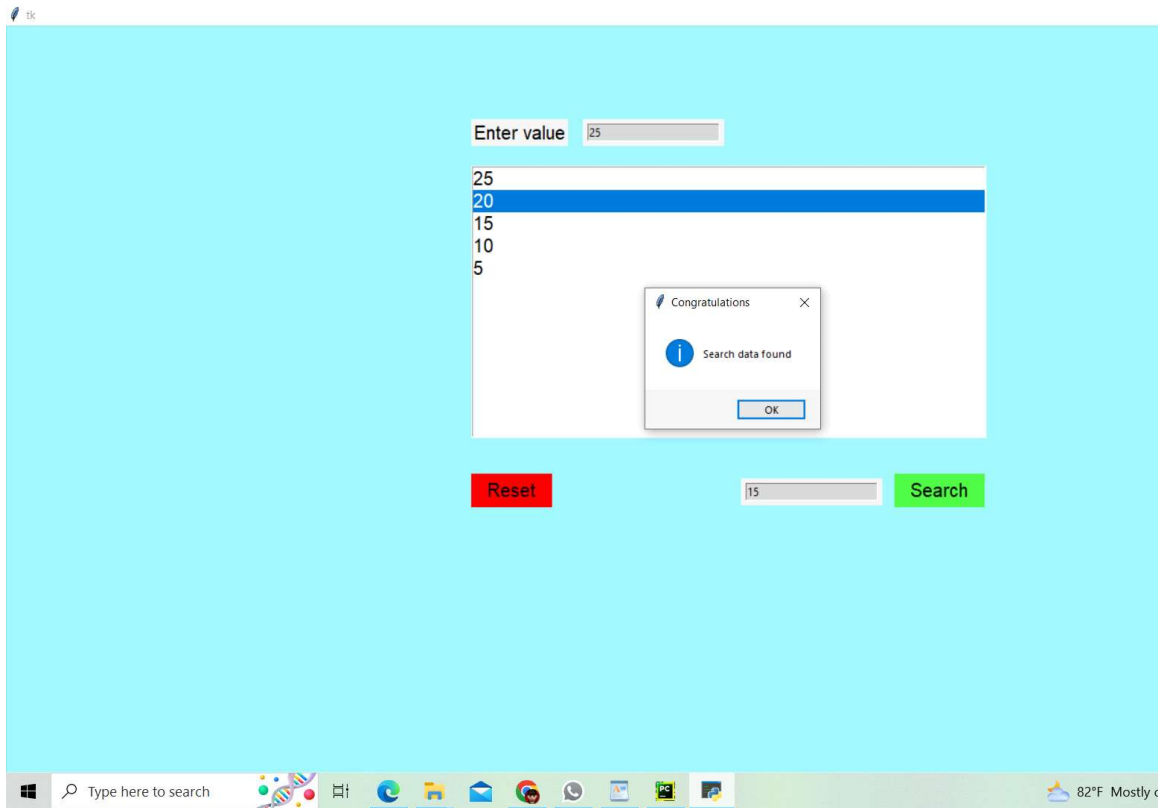
Here the data has been removed.



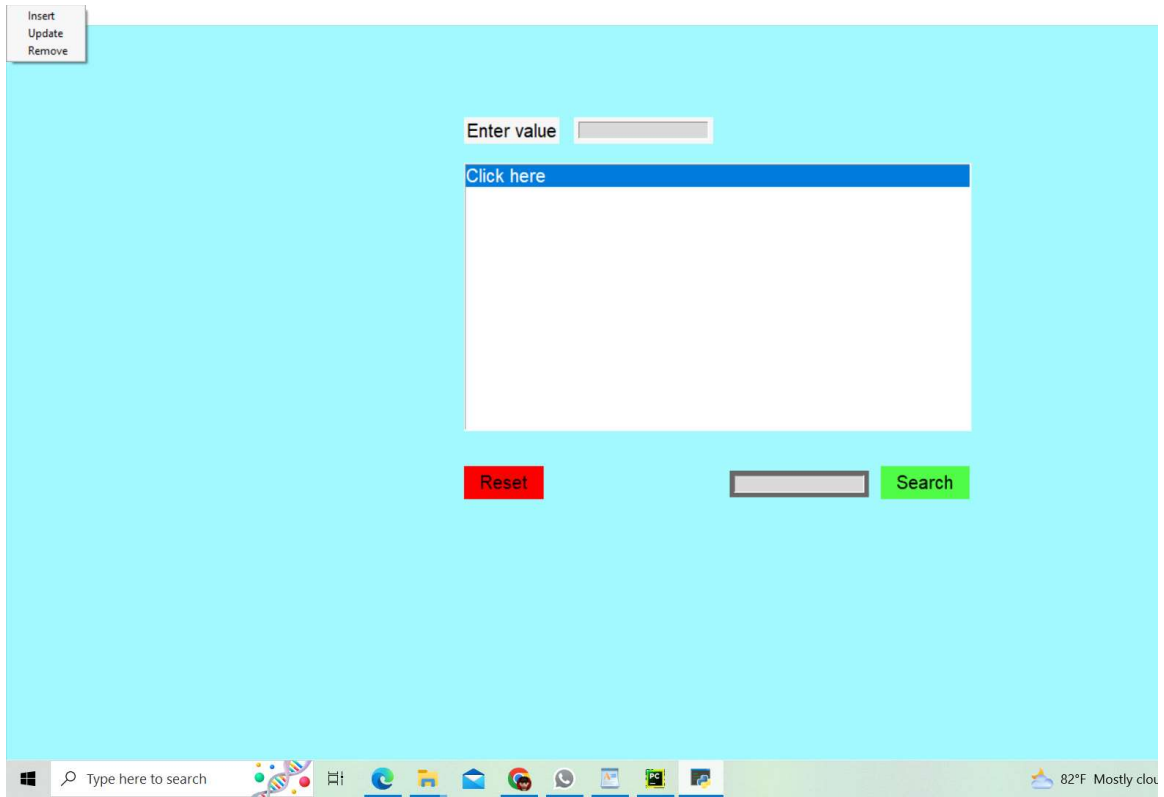
3(vi). Search- Here we can see an entry box and a button named **“Search”** so that we can find out if a data is present on the Linked List or not.



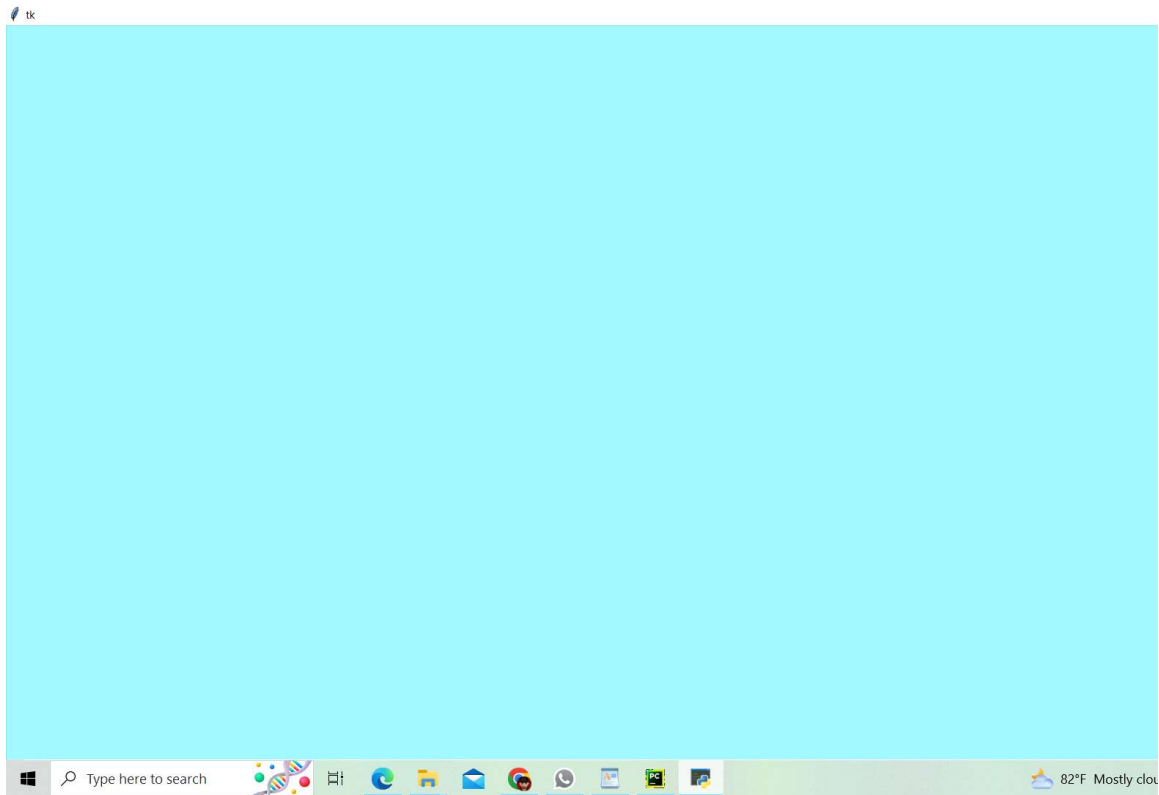
A message prompt will be displayed having information about the data is present or not in the Linked List.



3(vii). Reset- We can clear all the data by clicking “**Reset**”.



All data is cleared so the canvas is empty.



26 June, 2023

North Western University

Khulna, Bangladesh.