LINCOLN
COLLEGE OF SCIENCE
MANAGEMENT & TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

ASSIGNMENT COVER PAGE

Please fill in all the required details for your assignment to be accepted.

Student's Name	IKPESU THEOPHILOUS		
Student's Matric No	LUC/FOCSAM/DSEBIT/0279		
Year/Semester	4ND Semester		
Program	Computer software engineering		
Subject Name / Subject Code	STT101		
Lecturer's Name	Mr.hallelu		
Assignament Title	Java Data type		
No. of Page (excluding this page)	1		
Required words	NONE	Actual # of words	--
Soft copy included	Yes √ / No		

DECLARATION BY STUDENTS:

I certify that this assignment is my own work in my own words. All resources have been acknowledged and the content has not been previously submitted for assessment to LINCOLN or elsewhere. I also confirm that I have kept a copy of this assignment.

Signed: 

Date: 8/2/22

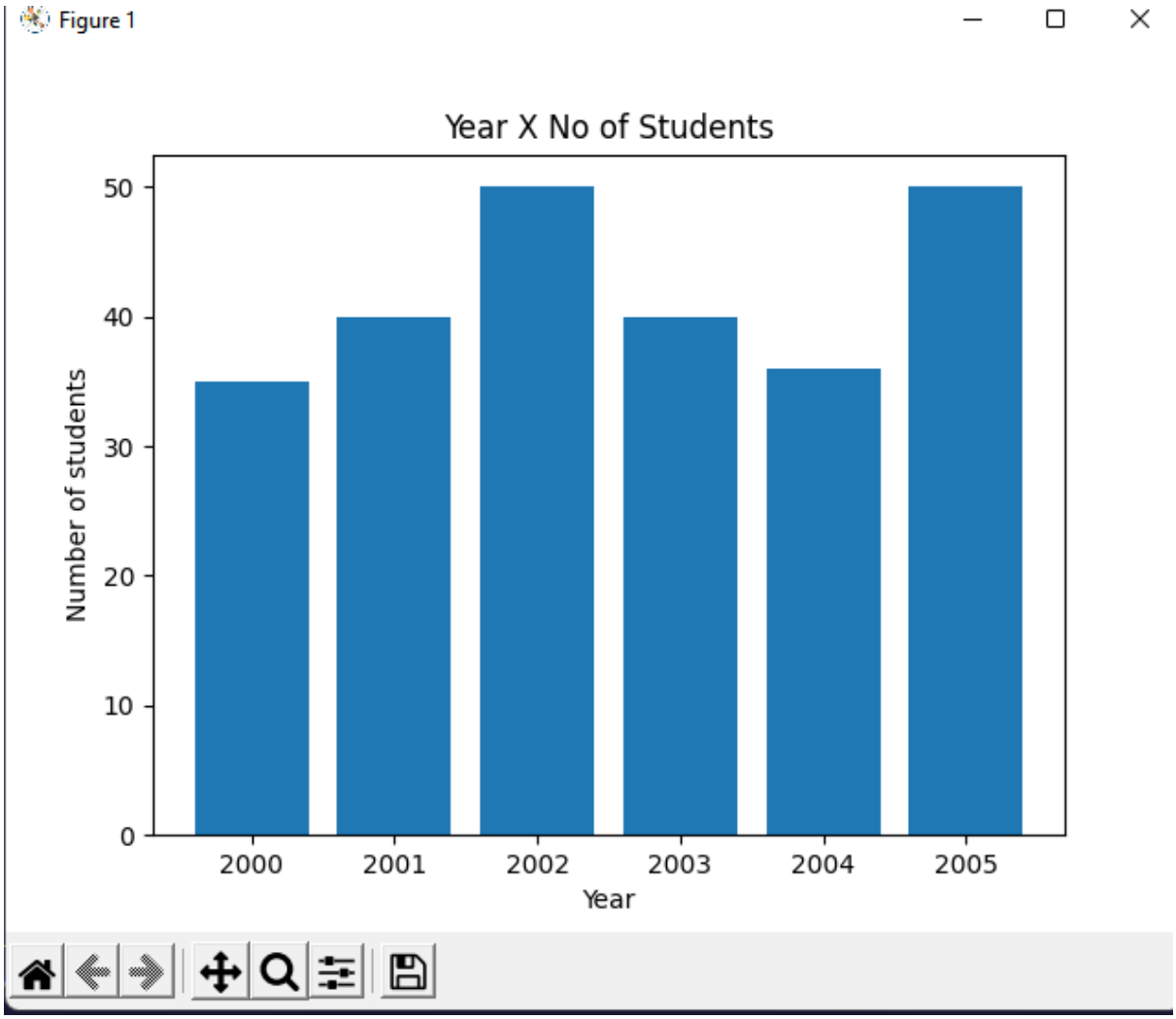
Types of bar chart

1. Vertical Bar Graph: such graphs are known as vertical bar graphs. The rectangular bars are vertically drawn on the x-axis,

2. Horizontal Bar Graph:s. In this type, the variables or the categories of the data have to be written and then the rectangular bars are horizontally drawn on the y-axis and the x-axis shows the length of the bars equal to the values of different variables present in the data.

3. Stacked Bar Graphs: The stacked bar graph is also referred to as the composite bar graph. It divides the whole bar into different parts. In this, each part of a bar is represented using different colors to easily identify the different categories. It requires specific labeling to indicate the different parts of the bar.

4. Grouped Bar Graph: It is used to show the discrete value for two or more categorical data. In this, rectangular bars are grouped by position for levels of one categorical variable, with the same colors showing the secondary category level within each group.



```
importmatplotlib.pyplotasplt
Years =['2000','2001','2002','2003','2004','2005']
Number_Student =[35,40,50,40,36,50]


plt.bar(Years,Number_Student)
plt.title('Year X No of Students')
plt.xlabel('Year')
plt.ylabel('Number of students')
plt.show()
```