Program 4

Write a C++ program using vectors that will;

- Read in data from a data file of ten(10) records,
- Print the original data,
- Using the **Selection Sort algorithm**, sort the data by year,
- Print the sorted data,
- Prompt the user to enter a year,
- Use the **Binary Search algorithm** to find the record with that year
- Then, display the found record, if record not found, print "Not Found".

NOTE: Use functions for your output, sort and search routines.

Original Data

Name	Year	Tuition
David	2011	1582.38
Sylvester	2012	728.82
Ben	1992	0
: : :	: : :	: : :

Sorted Data

Name	Year	Tuition
Ben	1992	0.00
David	2011	1582.38
Sylvester	2012	728.82
: : :	: : :	: : :

Enter year: 2011

Record found.

David   2011   1582.38