

# HexEditor

Date : 7 – 11 - 2018

It is use to display data inside the exe. In addition we can search the keyword by given input in ASCII as well as Hex decimal.

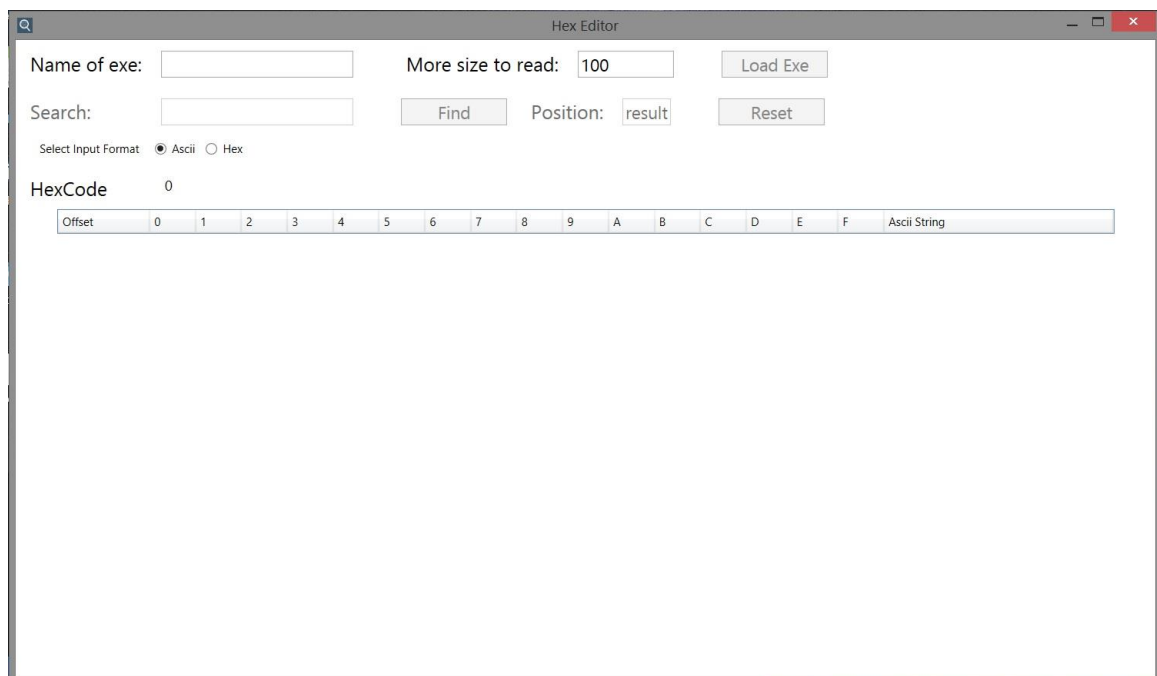
## Features:

- Display only required data, not whole exe file.
- Highlight the position where the given keyword found.
- Mostly all exception are handle.
- Use of multithreading. So the GUI is not hang at the time of loading data.

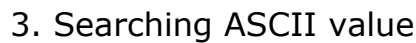
## Project Screenshot

### 1. First Look of HexEditor.

Load button is disable. Enable when we give exe name.



Here we have display 200 \* 16 data. Row is continuous adding asynchronous.



**Hex Editor**

Name of exe:  More size to read:  Load Exe

Search:  Find Position:  Reset

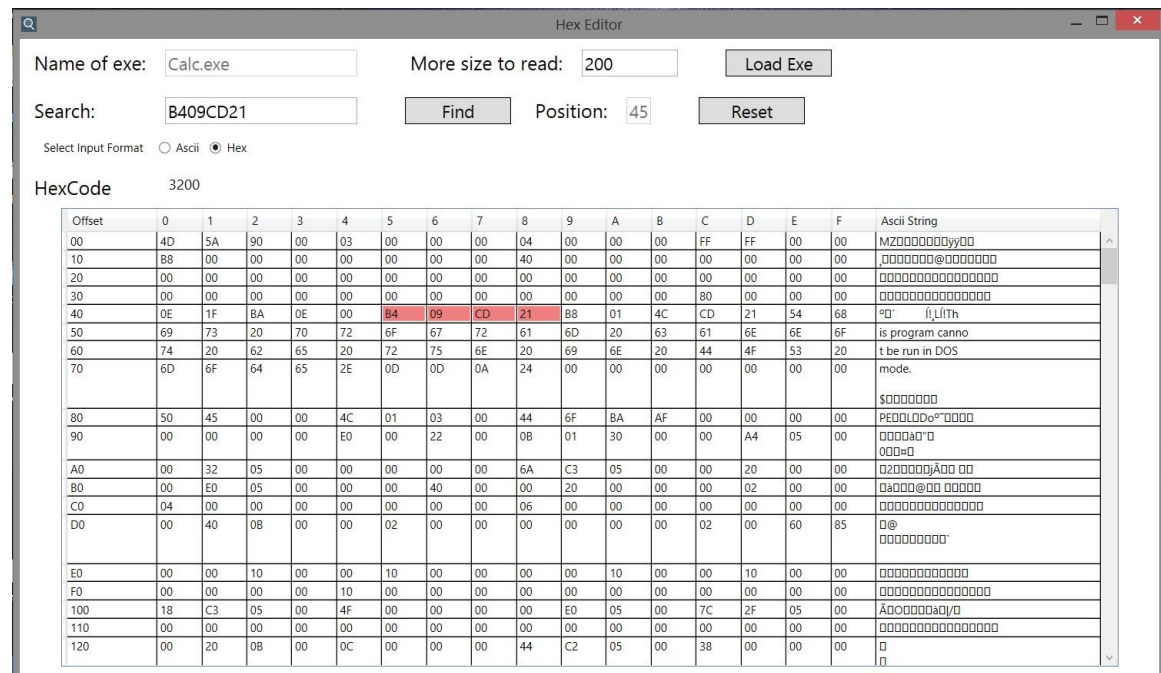
Select Input Format: ☒ Ascii ☐ Hex

HexCode 3200

Offset	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	Ascii String
00	4D	5A	90	00	03	00	00	00	04	00	00	00	FF	FF	00	00	MZ000000py00
10	B8	00	00	00	00	00	00	00	40	00	00	00	00	00	00	00	,000000@0000000
20	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	0000000000000000
30	00	00	00	00	00	00	00	00	00	00	00	80	00				0000000000000000
40	0E	1F	BA	0E	00	B4	09	CD	21	B8	01	4C	CD	21	54	68	"0" iLiTh
50	69	73	20	70	72	6F	67	72	61	6D	20	63	61	6E	6E	6F	is program cannot
60	74	20	62	65	20	72	75	6E	20	69	6E	20	44	4F	53	20	t be run in DOS
70	6D	6F	64	65	2E	0D	0D	0A	24	00	00	00	00	00	00	00	mode.
80	50	45	00	00	4C	01	03	00	44	6F	BA	AF	00	00	00	00	\$0000000
90	00	00	00	00	E0	00	22	00	08	01	30	00	00	A4	05	00	PED0L00c~"0000
A0	00	32	05	00	00	00	00	00	6A	C3	05	00	00	20	00	00	0000000,Ã00 00
B0	00	E0	05	00	00	00	40	00	00	20	00	00	00	02	00	00	00000000000000
C0	04	00	00	00	00	00	00	00	06	00	00	00	00	00	00	00	00000000000000
D0	00	40	08	00	00	02	00	00	00	00	00	00	02	00	60	85	@ 000000000"
E0	00	00	10	00	00	10	00	00	00	00	10	00	00	10	00	00	00000000000000
F0	00	00	00	00	10	00	00	00	00	00	00	00	00	00	00	00	00000000000000
100	18	C3	05	00	4F	00	00	00	00	E0	05	00	7C	2F	05	00	Ã000000d0/0
110	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00000000000000
120	00	20	08	00	0C	00	00	00	44	C2	05	00	38	00	00	00	n n

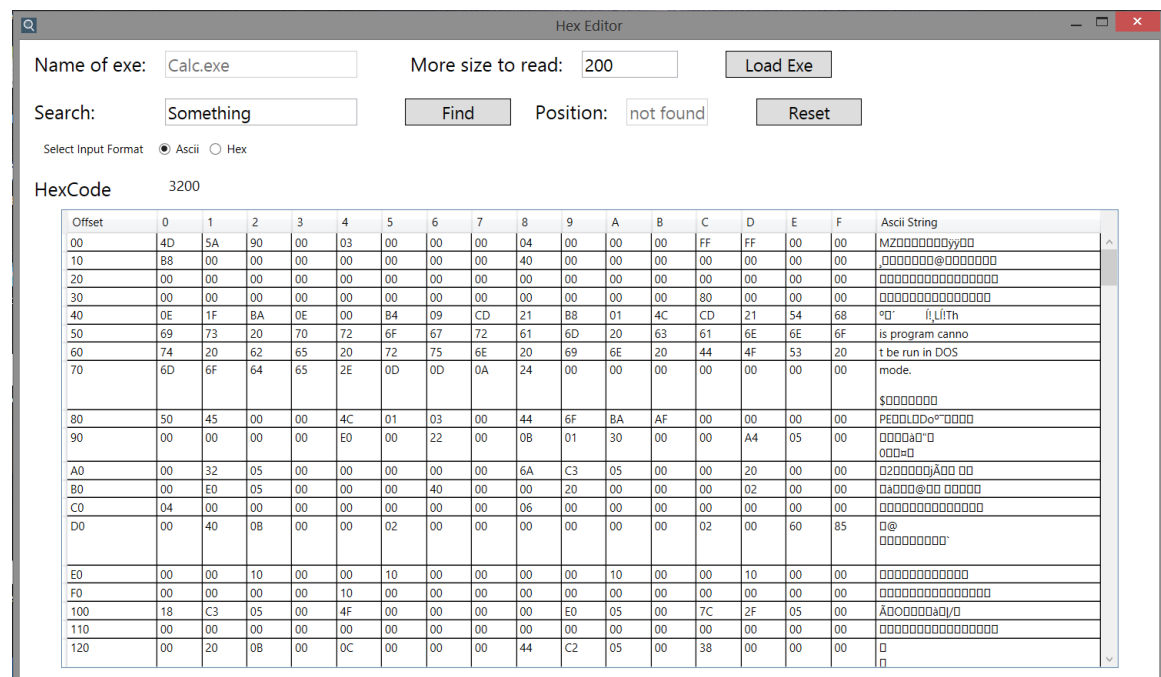
## 4. Searching Hex value

When Keyword is found starting position is display in Position textbox. And Highlight the position where keyword is present.



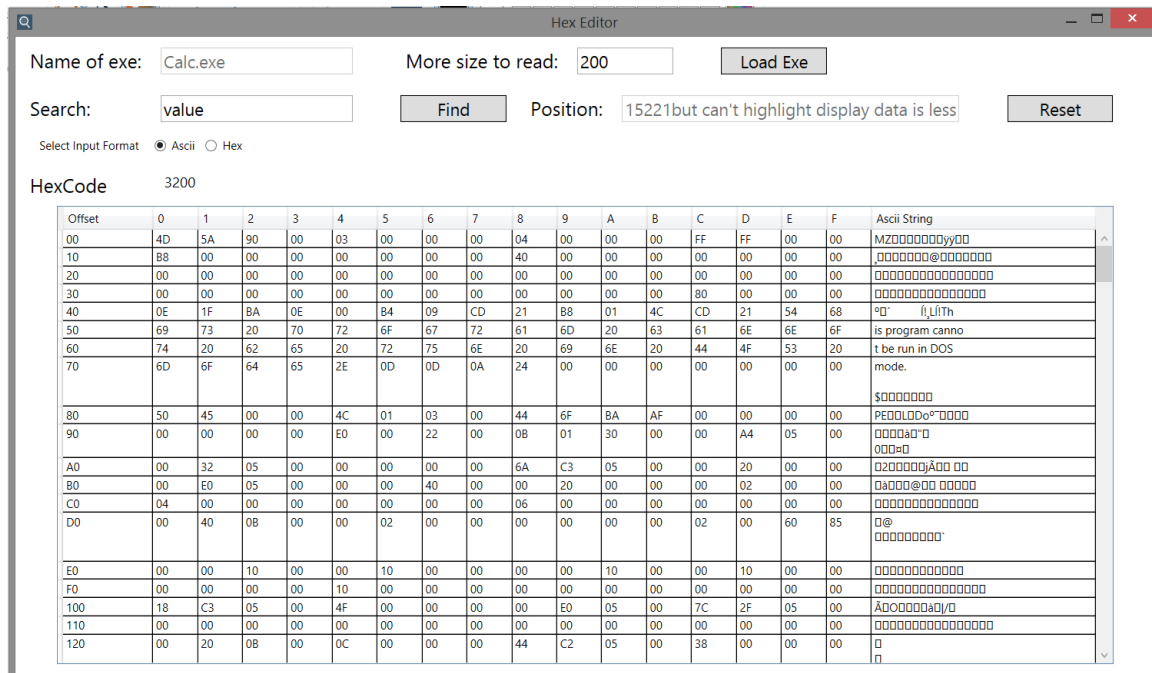
## 5. Keyword Not Found

When Keyword is not found it only display "not found" in Position textbox.



6. If Given is present in Exe but we have display small amount of data

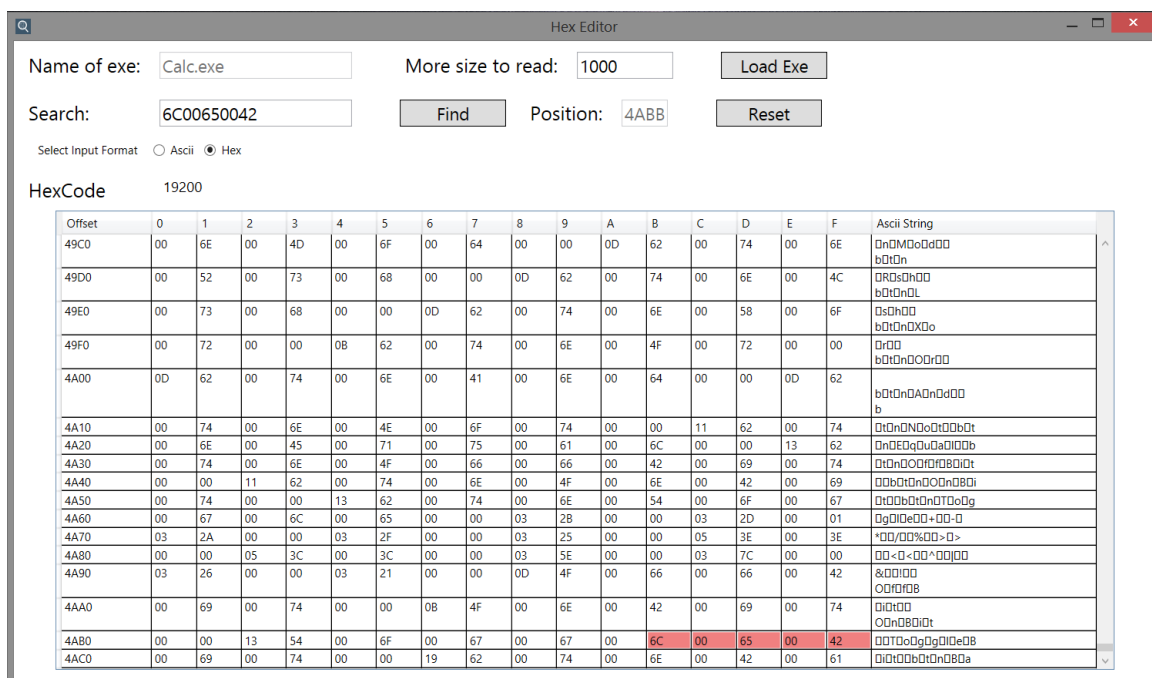
So, It only mention the starting position where the data present and not highlight



7. Display more data

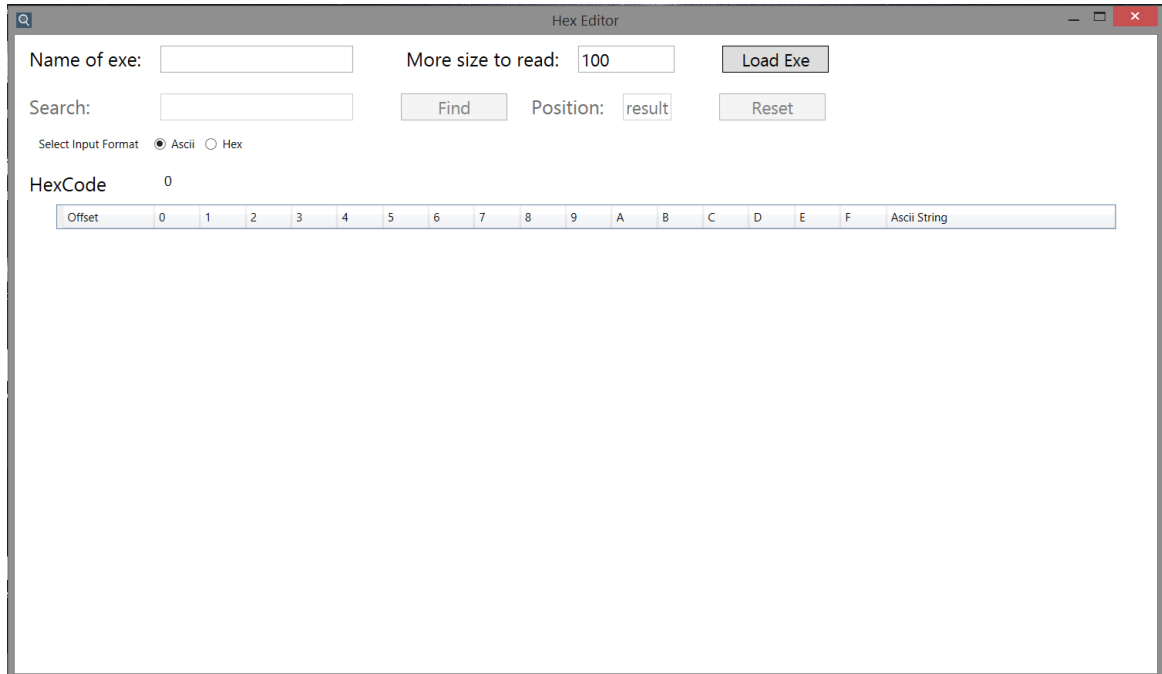
We can display more data by mention size of data in

'More size to read' textbox and click load button. Where I have display 1000\*16 more data. Offset is display beside the Hexcode label



## 8. Reset Button

If you seen after clicking 'LoadExe' button the ExeName textbox is disabled. So you can't Loaded another exe data. So reset button is provided to clear all the data. Reset will not perform if data loading into table is running.



The screenshot shows the 'Hex Editor' application window. At the top, there's a title bar with a search icon, the text 'Hex Editor', and standard window controls. Below the title bar, the interface is divided into several sections. On the left, there's a 'Name of exe:' label followed by a text input field. To its right is a 'More size to read:' label with a numeric input field set to '100'. Further right is a 'Load Exe' button. Below these, there's a 'Search:' label with a text input field, a 'Find' button, a 'Position:' label with a dropdown menu showing 'result', and a 'Reset' button. Underneath the search section, there's a 'Select Input Format' section with two radio buttons: 'Ascii' (which is selected) and 'Hex'. Below that, there's a 'HexCode' label and a numeric input field set to '0'. At the bottom, there's a table with columns for 'Offset' and 'Ascii String'. The 'Offset' column has values from 0 to 9, and the 'Ascii String' column is currently empty.

Offset	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	Ascii String

Run it..