FRIDAY HELP-SESSION (3rd Feb 2017)

Project Debug Helper

- For this help session professor used HelpSessionDemo.zip(-V2) <u>http://ecs.syr.edu/faculty/fawcett/handouts/CSE687/code/Project1HelpS17/HelpSessio</u> <u>nDemo-V2/</u>
- And from that we used NoSqlDb project
- Pressing **F10(Step Over)** after selecting this project as Startup Project gets us to the first executable line from the main
- This screenshot shows that after pressing F10 several times we get to the line 23

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17 18	<pre>std::cout << "\n Demonstrating NoSql Helper Code"; std::cout << "\n ===================================</pre>		
20 21	<pre>std::cout << "\n Creating and saving NoSqlDb elements with string data"; std::cout << "\n</pre>		
22			
23	NOSQLDO <strdata> db; sams elapsed</strdata>		
25	Element (StrData) alon1.		
26	elemi.name = "olomi"		
27	elem1.category = "test"		
28	elem1.data = "elem1's StrData".		
29			
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- Here we tried pressing **F11(Step Into) which takes us inside the function** being called but, on line number 23 as we have not defined any constructor we didn't step into it
- We can get inside any function by pressing F11 if the function is called at the current line

• When we have an object defined we can look at its data in Autos and Locals window as shown in image below

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	24	nosquorser outer avy	 ** References ** References 		
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	26	elem1.name = "elem1":	4 S Caphapeties		
	27	<pre>elem1.category = "test":</pre>	+• References El Esternal Decembercies		
	28	elem1.data = "elem1's StrData"; simschapsed	4 📾 Header Files		
	29		E Coprogenes.n		
	30	db.save(elem1.name, elem1);	4 📾 Source Files		
	31		4 S Resigib		
	32	<pre>Element<strdata> elem2;</strdata></pre>	References References References		
	33	elem2.name = "elem2";	- A Ca Header Files		
120 %			Resource files		
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• Left clicking on the border at the left of line number creates a break point



- We can choose various conditions to break at that point by right clicking on that break point and pressing on Conditions from menu
- While in debug mode pressing **F5(Continue)** gets us to the next available break point
- We can even put new breaking points and remove them when we are already in the debug mode

For additional help please refer to https://msdn.microsoft.com/en-us/library/sc65sadd.aspx