

## Unit 02 Develop: Journal Program

Journal Class	Entry Class	Generate Prompt Class
- <b>_entries : public List&lt;Entry&gt;</b>	1. <b>_date : public string</b> 2. <b>_prompt : public string</b> 3 <b>_response : public string</b>	- <b>_prompts : public List&lt;string&gt;</b>
Method	Method	Method
NewEntry(Entry entry) : public void DisplayJournal ( ) : public void SaveToFile( ) : public void ReadFile( ) : public void	DisplayEntry() : public void	GetRandomPrompt() : public string
<b>NewEntry()</b> – appends an entry object to <b>_entries</b>  <b>DisplayJournal()</b> – calls <b>DislpayEntry</b> on each Entry object in <b>_entries</b>	<b>DisplayEntry()</b> - displays the date, prompt, and response for itself.	<b>GetRandomPrompt()</b> - returns a random prompt from <b>_prompts</b>

<p><b>SaveToFile()</b> - serializes and writes <code>_entries</code> to a json file (<code>entries.json</code>). Creates <code>entries.json</code> file if it does not exist in the working directory.</p> <p><b>ReadFile()</b> - Looks for <code>entries.json</code> and if found desearlizes the data and saves it to <code>_entries</code></p>		
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