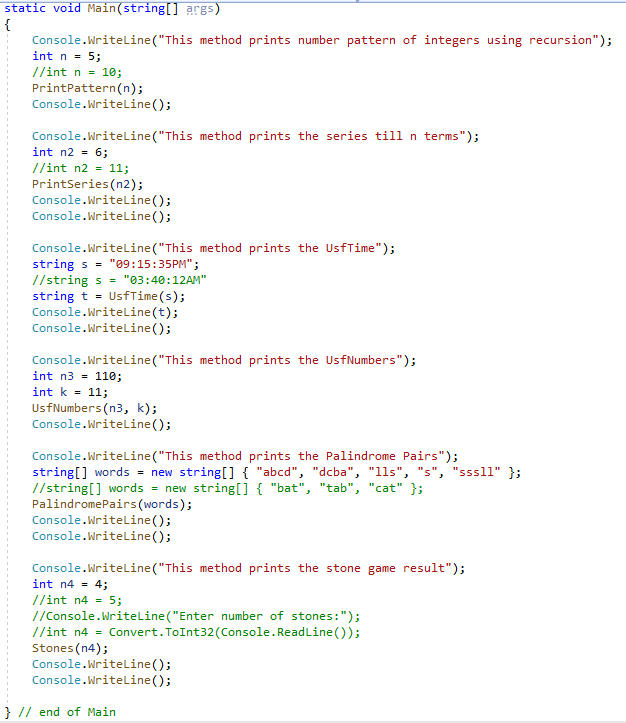
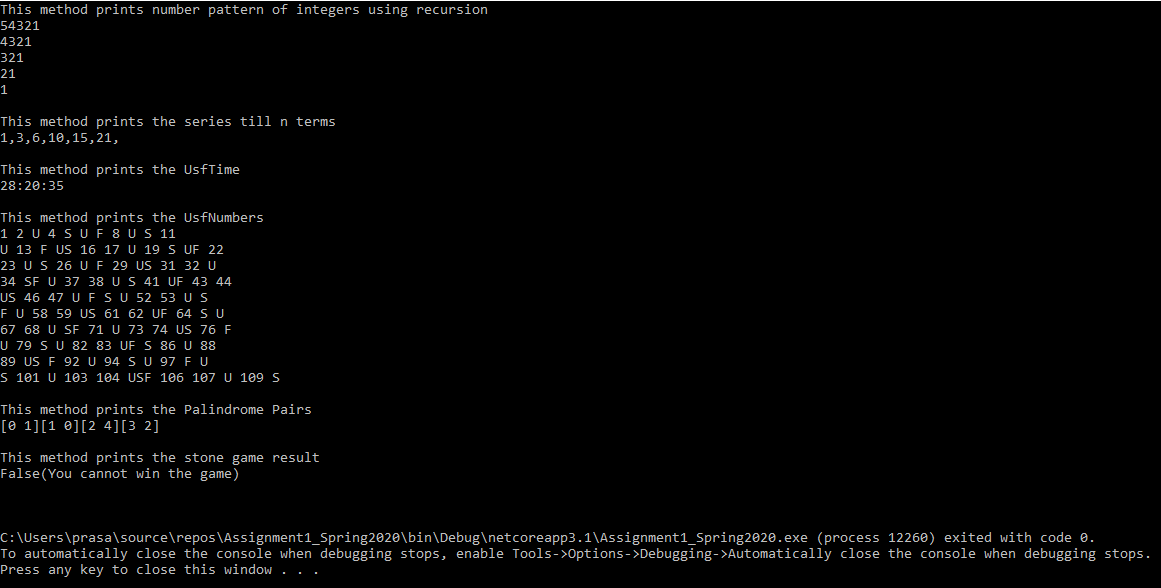
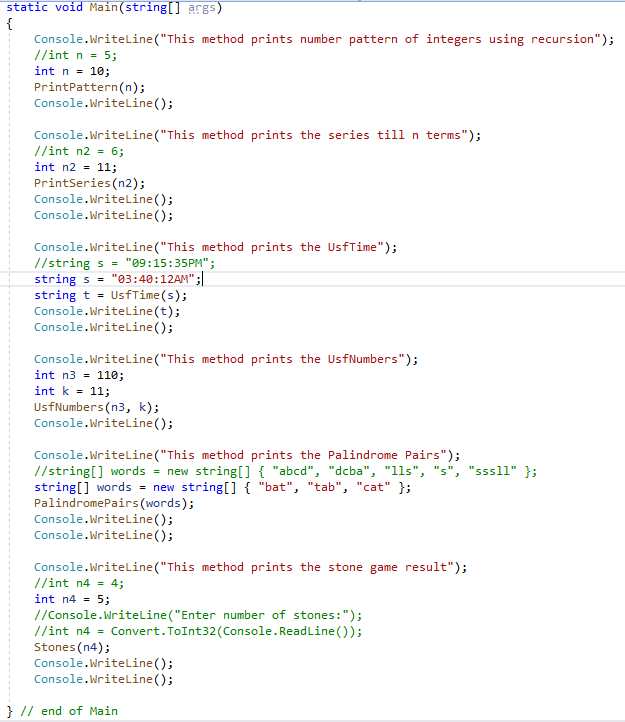
**Input 1:**



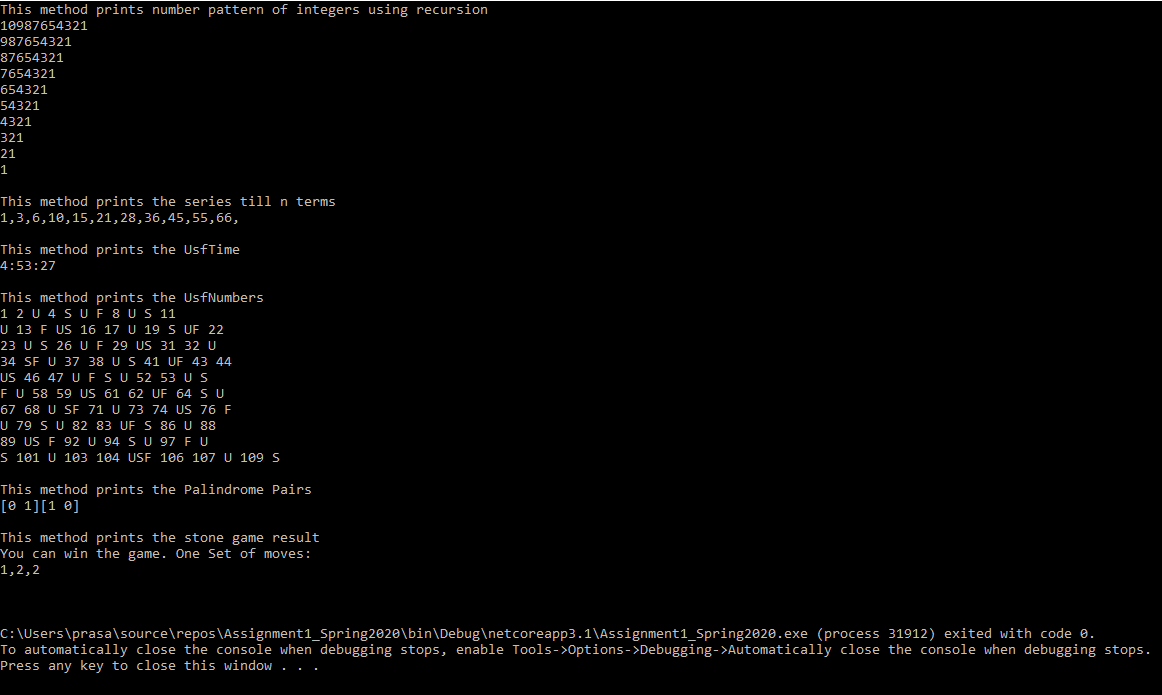
**Output 1:**



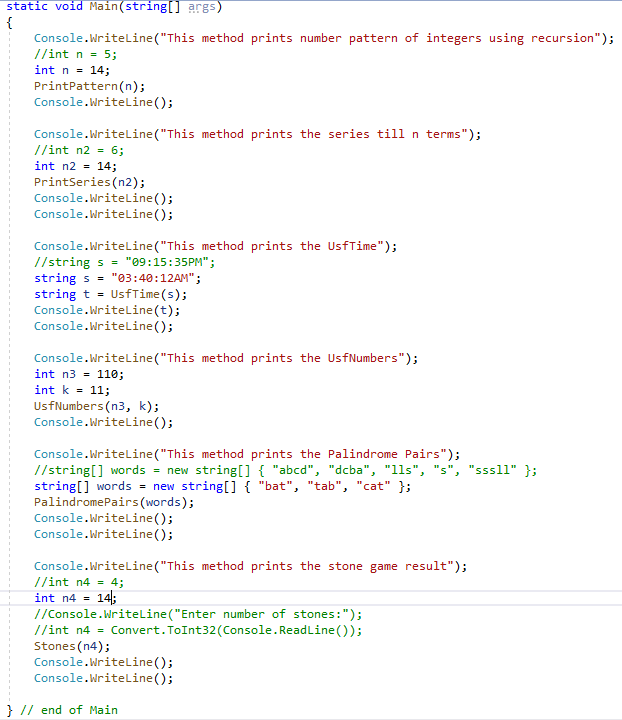
**Input 2:**



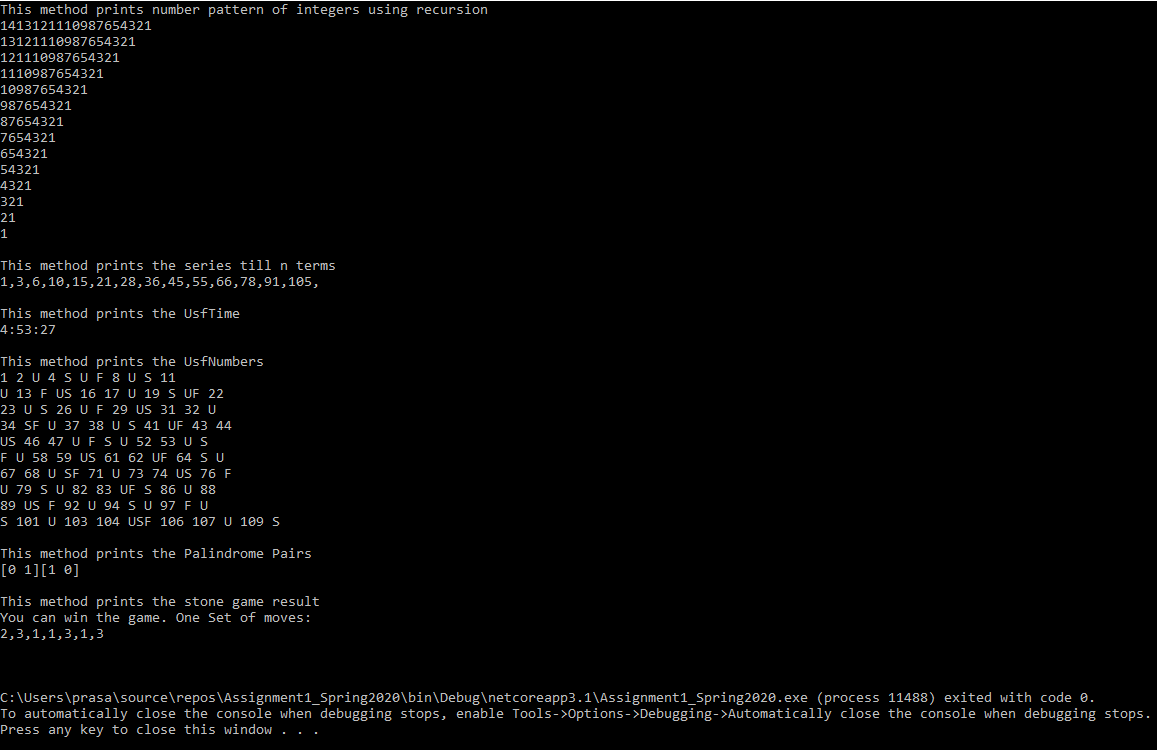
**Output 2:**



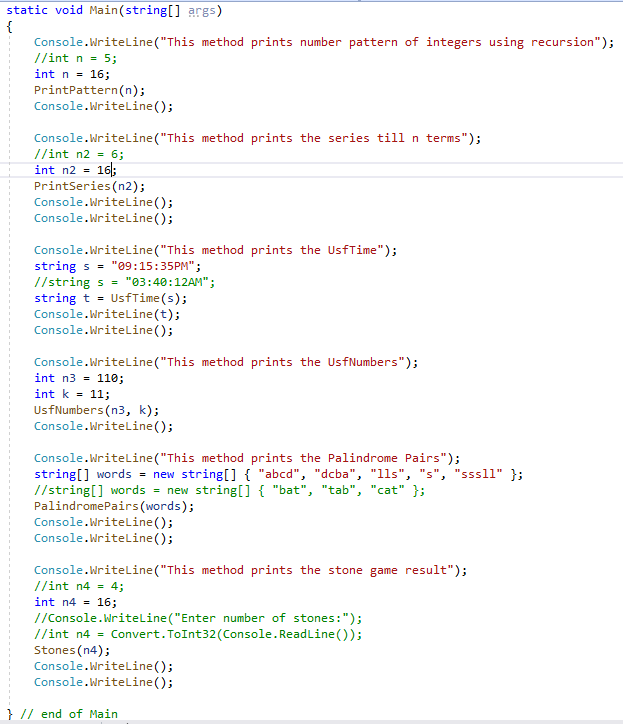
**Input 3:**



**Output 3:**



**Input 4:**



**Output 4:**

