Name:

Molecular Biophysics
Computational Techniques Homework #1
Due April 5th.
Predict the Secondary Structure for 5'AGCCCUUAAGGGGCU 3' using H-bond recursions and traceback flowchart.
Fill the complete V and W arrays.

V	i	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
j		A	G	C	C	C	U	U	A	A	G	G	G	G	C	U
15	U															
14	C															
13	G															
12	G															
11	G															
10	G															
9	A															
8	A															
7	U															
6	U															
5	C															
4	C															
3	C															
2	G															
1	A															

W	i	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
j		A	G	C	C	C	U	U	A	A	G	G	G	G	C	U
15	U															
14	C															
13	G															
12	G															
11	G															
10	G															
9	A															
8	A															
7	U															
6	U															
5	C															
4	C															
3	C															
2	G															
1	A															