31371337
Haider Ali

Studio8
Assessed Prep
Problem1:

```
1 2 3 4 5 6 7
A C A C I A $
```

SA

7	$
6	A $
1	A C A C I A $
3	A C I A $
2	C A C I A $
4	C I A $
5	I A $

BWT		SA	
6	A	7	$
5	I	6	A $
7	$	1	A C A C I A $
2	C	3	A C I A $
1	A	2	C A C I A $
3	A	4	C I A $ ACA
4	C	5	I A $

BWT: AI$CAAC

Problem 2:

Sorted Chars

BWT

$ → N
C → $ start
E → R
I → S
M → O
N → O
O → R
O → I
P → M
R → P
S → S
S → E
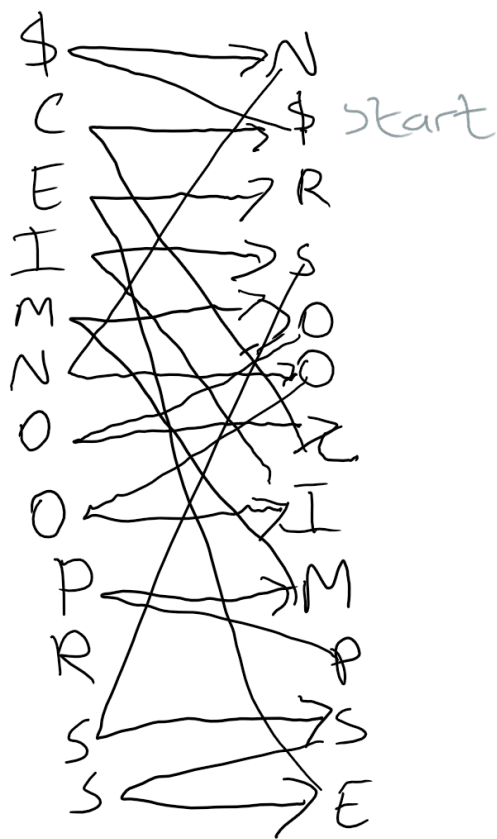
COMPRESSION$

Reversing BWT:

we get COMPRESSION$