Write a program to print Double DNA strains from a given single strain as example output. The other strain is generated by providing a pair of DNA using the following rules:

A pair with T

T pair with A

C pair with G

G pair with C

Noted that the length of string: 0 < n <= 50.

Example output:

```
C - - G <-- 0 space before C
 A - - T <-- 1 space before A
  C - - G <-- 2 spaces before C
   C - - G <-- 3 spaces before C
  T - - A
 G - - C
A - - T
C - - G
 C - - G
  T - - A
```

Example 1:

Input

CACCTGACCT

Output

```
C - - G
 A - - T
  C - - G
   C - - G
  T - - A
 G - - C
A - - T
C - - G
 C - - G
  T - - A
```

For example:

Input	Result
CACCTGACCT	C - - G
	A - - T
	C - - G
	C - - G
	T - - A
	G - - C
	A - - T
	C - - G
	C - - G
	T - - A
AACGGTAAGAGGCTC	A - - T
	A - - T
	C - - G
	G - - C
	G - - C
	T - - A
	A - - T
	A - - T
	G - - C
	A - - T
	G - - C
	G - - C
	C - - G
	T - - A
	C - - G