

Scaling Words (EASY)

You are in charge of writing a program to scale the word USA given a scale factor. The word USA is created using the letters U, S, and A repeated as shown in the sample output below. The scale factor will always be a value between 1 and 1,000. You can assume that there will be no errors in the input.

Input:

1

Output:

```
U  U SSSS AAAAA
U  U S  A  A
U  U SSSS AAAAA
U  U  S A  A
UUUUU SSSS A  A
```

Input:

2

Output:

```
UU      UU  SSSSSSSS  AAAAAAAAAA
UU      UU  SSSSSSSS  AAAAAAAAAA
UU      UU  SS        AA        AA
UU      UU  SS        AA        AA
UU      UU  SSSSSSSS  AAAAAAAAAA
UU      UU  SSSSSSSS  AAAAAAAAAA
UU      UU          S  AA        AA
UU      UU          S  AA        AA
UUUUUUUUUU  SSSSSSSS  AA        AA
UUUUUUUUUU  SSSSSSSS  AA        AA
```