

Revision Tue:

1. The mayor has gone mad! They include a new building type called “Double Deluxe TM” and denote this with the letter “D” in the string you receive. If you encounter the D in your input string, it means that you should build the following building twice. Modify your code to include this change **without changing the input string** (e.g. you cannot convert 34D255 to 342255 and use your original code).

Sample runs (buildings corresponding to D is marked with red in the output):

```
Please enter city plan string: 13D4232
```

```
City blueprint:
```

```
  **
*** *
*****
*****
```

```
Please enter city plan string: 11D733D1
```

```
City blueprint:
```

```
  **
  **
  **
  **
  ***
  ***
*****
```