

Assignment #2

ISBA2420
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1. Write a function (method) called : lovefor(n)

It will take a number and return "i love you for ____ years" where blank is number n

for example, if you call it like this:

lovefor(3)

it will return "i love you for 3 years"

2. Write a function (method) called "guess" that is used to guess a name string. There is only one name that is a correct guess (for example: "isba"), all other names are wrong guesses.

For example,

if you call guess("yuan")

then the output is:

"you guessed wrong"

if you call guess("isba")

then the output is:

"you guessed right!"

3. Write a function called pattern(n), it will run like this:

for example, if you call pattern(5), the output will be:

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

if you call pattern(10), the output will be:

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

4. For the following array:

```
blockbusters = [['jacky chan', 'the foreigner'],
                ['marisa tomei', "my cousin vinny"],
                ['drew barrymore', '50 first dates']]
```

write method to take this as argument and return the following hash:

```
{"jacky chan"=>"the foreigner", "marisa tomei"=>"my cousin vinny", "drew barrymore"=>"50 first dates"}
```

5. Use "numbers" and "suits" array:

```
numbers = ['2', '3', '4', '5', '6', '7', '8', '9', '10', 'J', 'Q', 'K', 'A']
suits = ['spades', 'hearts', 'diamonds', 'clubs']
```

to construct the following array:

```
[["2", "spades"], ["3", "spades"] ... ["K", "clubs"], ["A", "clubs"]]
```

(representing the 52 cards in a deck)

write all functions in one ruby program file

don't forget to make seal function calls in your program so that if i run the program, i can see the output.

also, separate output for different questions so that they are not mixed together.

for example, use

put "-"*50. to print a dash line between different question outputs.

submit your .rb program to camino.