Your name:	Date:	_
Problem: $A_{\zeta\zeta}$	summt 2 MS 1	_
Problem description:	- 3 dows, car behind one door (randomly determined location), goats behind offer	1
	determined location), goats behind other	_
	* - player chooses initial door (1-3) * - Monty reveals a goat behind one doe (not door player chose)	
	1 - Monty revenls a goat behind one doe	厂
	(not door player chose)	
	- player chooses again - player wins/loses, car revealed	
	- play~	

Input name	Description	Data type
first_choice	player's initial choice (1-3)	in t
Second_Choice	goat revelation) (1-3)	in t

Output data:	Output form:	Data type:
goat door revealed (1-3)	brinted	int
win/loss message	printed	text
car location (if player lost)	printed	int

Strategy:

declare variable for car location (int)

randomly determine cor location (1-3)

declare vars for player choices (int)

prompt/read player's first choice

Monty reveals goat (not player's door)

prompt/read player's second choice

determine win/loss, print message

if loss, reteal car

```
Control flow sketch:

Monty reveals goat

if (car == first_choice) {

* reveal goat at random (\(\) possibilities \(\)

* gelse f

if (car!=1 && first_choice!=1) {

print "Monty reveals goat behind down!"

} else {

if (car!=2 && first_choice!=2)

print "Monty reveals goat behind down?"

print "Monty reveals goat behind down?"

print "Monty reveals goat behind down?"

} else {

print "Monty reveals goat behind down?"

}
```