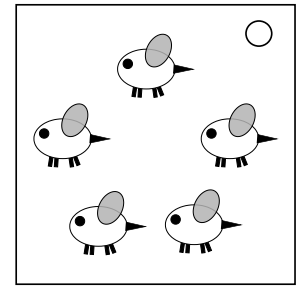


## On the Subject of Simon's Swarm

*Bzzzz bzzbzz? Bzzzz Bzzz BzBz!*

Simon has become a king bee, and you are taking care of his colony. His bees suffer from Color Flashing Syndrome, which tints his bees a certain color and makes them occasionally glow. Five of the bees from his colony are seeing you today, as the syndrome has gotten worse for them.



Start by taking the currently flashing bees in order and find their names from the **Bee Name Table** using the bee's type and color. A table of each bee type without the syndrome can be found in **Appendix BUZZ**. Once you have the names of each bee, take the name of the bee that flashed first and call it String Bzz. For each flash that occurred after the first, prepend that bee's name to String Bzz if that bee is 1 or 2 bees counter-clockwise from the previous bee. Otherwise, append that bee's name to String Bzz if that bee is 1 or 2 bees clockwise from the previous bee. Otherwise, if a module on the bomb contains "HEX" in its name, then append that bee's name to String Bzz. Otherwise, prepend the name. If String Bzz does not end in a "B" after appending/prepending all the names then append a "B".

Now start with the first letter in String Bzz and the bee that flashed first. For each letter in the string if it's a "z" then move clockwise one bee if a module contains "BUZZ" in its name. Otherwise move counter-clockwise one bee. If the letter is a "B" then press that bee.

Repeat the **entire** process twice more adding on new flashes from the bees and then the effects of the syndrome will calm down.

Do not press a bee incorrectly, otherwise they will get irritated and sting you, (strike given and inputs reset).

**Bee Name Table**

Honeybee	
Red	zBBBzBz
Green	zzzBBBBz
Blue	BzzBBz
Yellow	zzzBzBz
Cyan	zBBzBB
Magenta	zzBBzB

Carpenter Bee	
Red	zzBBzzzB
Green	BzBzzzzB
Blue	BBBzBzz
Yellow	BBBzzzz
Cyan	BzzzzBzzz
Magenta	BzzzzBzB

Bumblebee	
Red	zBBzzBB
Green	BBBzzzzB
Blue	BzBzzzB
Yellow	zzzBzB
Cyan	zBzBzzz
Magenta	BzzzBzzzB

Mason Bee	
Red	zBzzBzzzB
Green	zzBzBzB
Blue	zBzzzz
Yellow	BBzzzBB
Cyan	zzBzzBz
Magenta	zBBBzzB




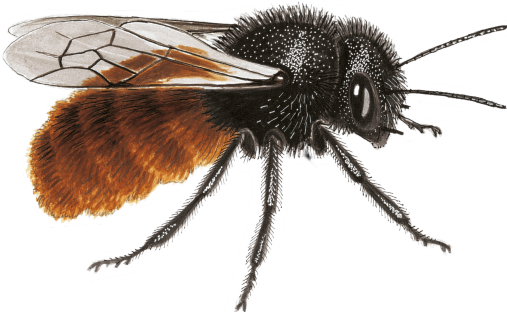


Leafcutter Bee	
Red	BzBBBzzz
Green	BBBBzzz
Blue	zzBzzBBzB
Yellow	zBBzBzB
Cyan	BzzzBzzz
Magenta	zzzBBzB

Squash Bee	
Red	zBzzBB
Green	BBzzBB
Blue	zzBzzzBB
Yellow	zzzBzzB
Cyan	zBzBBz
Magenta	BBzzBBz

Blueberry Bee	
Red	BzzzBz
Green	zzBzzzzBB
Blue	zzzzBBz
Yellow	zBzzzB
Cyan	zBBBzzzB
Magenta	BzzBzzB

## Appendix BUZZ

The different bee types that can appear on Simon's Swarm.

Honeybee		Carpenter Bee	
Bumblebee		Mason Bee	
Leafcutter Bee		Squash Bee	
Blueberry Bee		