



Create Task



Snap! 9.0, <https://snap.berkeley.edu>

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Sprite



Scripts

```

when clicked
set lists
set size to 75 %
ask join What is your favorite animal? first and wait
first question
add answer to sorting list
ask join Pick a word to describe yourself second and wait
second question
add answer to sorting list
ask join What is your favorite color? 3rd and wait
third question
add answer to sorting list
ask join Choose an element 4th and wait
4th question
add answer to sorting list
ask join Which smell is most appealing to you? 5th and wait
5th question
add answer to sorting list
broadcast results

```

```

when I receive results
counter changer sorting list
maximum counter a counter b counter c counter d

```

Background:
https://harrypotter.fandom.com/wiki/Great_Hall

Costume:
<https://hogwartslegacy.wiki.fextralife.com/The+Sorting+Hat>

Stage



For all Sprites

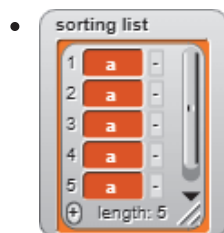
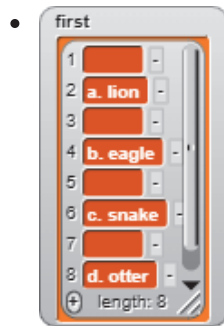
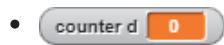
Variables

- 3rd

1		-
2	a. red	-
3		-
4	b. blue	-
5		-
6	c. green	-
7		-
8	d. yellow	-
+	length: 8	

- 4th

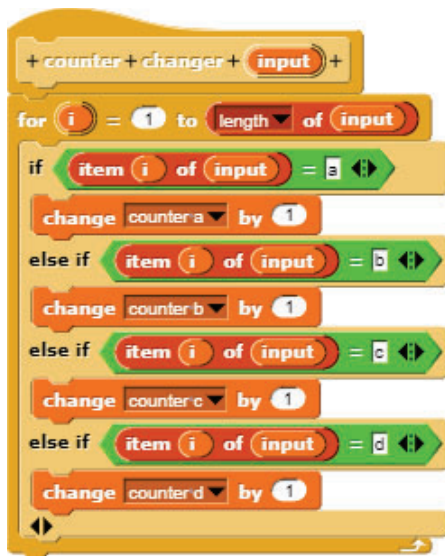
1		-
2	a. fire	-
3		-
4	b. water	-
5		-
6	c. air	-
7		-
8	d. earth	-
+	length: 8	



Blocks

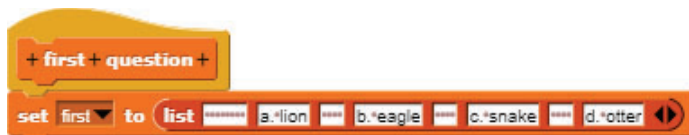
Control

- counter changer

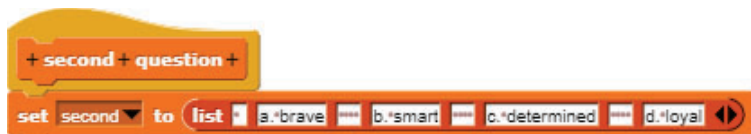


Variables

- first question



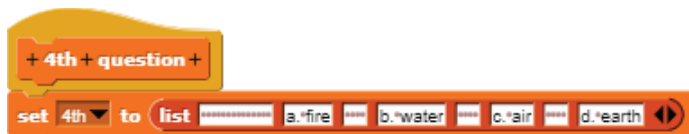
- second question



- third question



- 4th question



- 5th question

+ 5th question +

set 5th to

list a.log fire b.fresh parchment c.sea d.home

maximum

+ maximum + counter a + counter b + counter c + counter d +

repeat 1

if

counter a > counter b and counter a > counter c and counter a > counter d

say You are a Gryffindor!

else if

counter b > counter a and counter b > counter c and counter b > counter d

say You are a Ravenclaw!

else if

counter c > counter a and counter c > counter b and counter c > counter d

say You are a Slytherin!

else if

counter d > counter a and counter d > counter b and counter d > counter c

say You are a Hufflepuff!

else if counter a = counter b

say You are a Gryffindor and a Ravenclaw! for 2 secs

else if counter a = counter c

say You are a Gryffindor and a Slytherin! for 2 secs

else if counter a = counter d

say You are a Gryffindor and a Hufflepuff! for 2 secs

else if counter b = counter c

say You are a Ravenclaw and a Slytherin! for 2 secs

else if counter b = counter d

say You are a Ravenclaw and a Hufflepuff! for 2 secs

else if counter c = counter d

say You are a Slytherin and a Hufflepuff! for 2 secs

set lists

