STUDYZONE TV

Scan the code or use the lesson ID to access this lesson online.
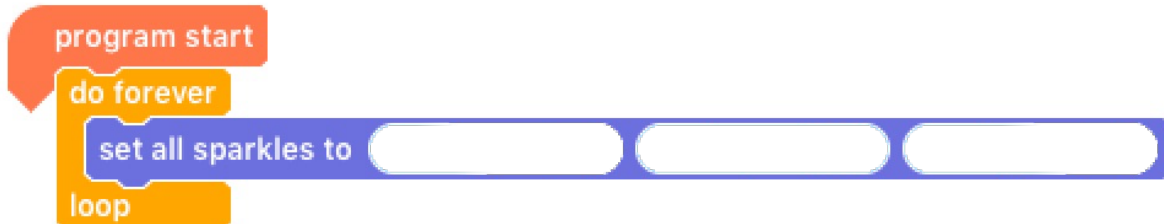
Name:_____   Date:_____

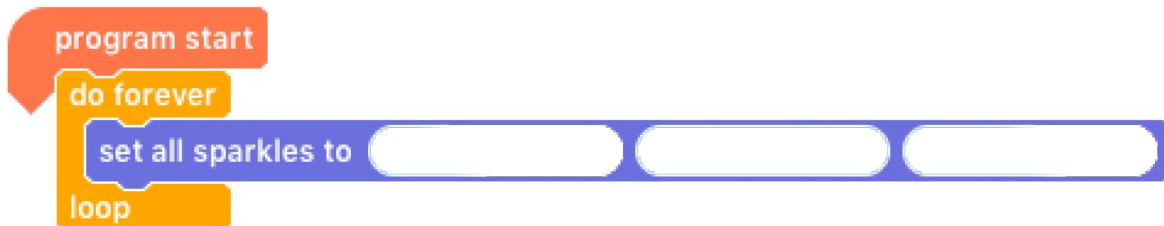I can use sliders to control lights on the Crumble. | LessonID: 472

Sliders connected to the Crumble give us a range of readings that we can use in our programs. Use your slider to complete each of the tasks below. Show the code that you used.
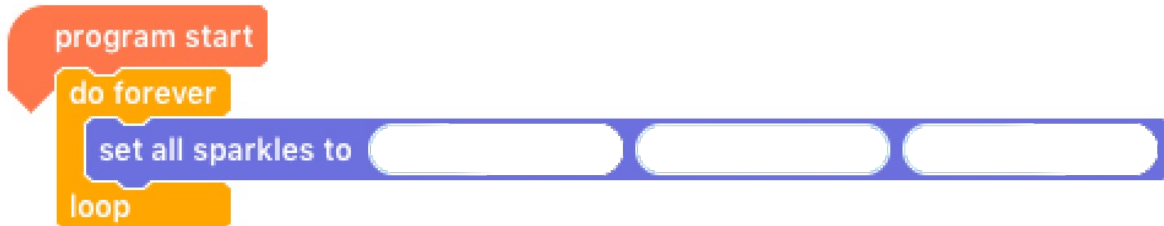
Use a slider to create a torch that glows different shades of red.

```
program start
do forever
    set all sparkles to (        ) (        ) (        )
loop
```

Use a slider to create a torch that glows different shades of yellow.

```
program start
do forever
    set all sparkles to (        ) (        ) (        )
loop
```

Use a slider to create a torch that glows different shades of white.

```
program start
do forever
    set all sparkles to (        ) (        ) (        )
loop
```

Use your slider to change the speed of a motor. Do you notice anything strange happen to the motor, when the slider is half way across? What do you think might cause this?

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