

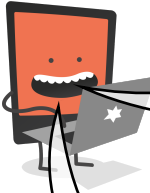


Name: \_\_\_\_\_

Date: \_\_\_\_\_

I can debug programs that use variables

LessonID: 180



Take care to open the Scratch project at this website:  
[scratch.mit.edu/projects/22657240/](https://scratch.mit.edu/projects/22657240/)

Click 'See inside' to open the project.



There are two main bugs in this program, but they're difficult to fix due to the use of variables. See if you can find the cause of each of the bugs detailed below.

```
when green flag clicked
  set MoveSpeed to 20
  set RotationAngle to 0
```

```
when green flag clicked
  forever loop
    if key up arrow pressed? then
      move MoveSpeed steps
      change MoveSpeed by -0.1
    if key right arrow pressed? then
      turn RotationAngle degrees
    if key left arrow pressed? then
      turn 15 degrees
```

## Bug 1: The cat doesn't turn left

because.....

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To fix this bug I.....

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## Bug 2: The cat starts to go

backwards because.....

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.....

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To fix this bug I.....

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