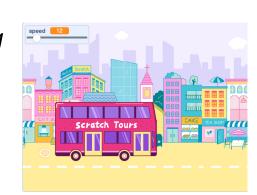


Register/login at https://scratch.mit.edu

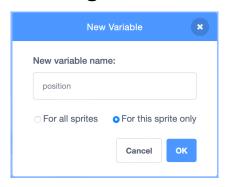
Make a scrolling street background using two sprites side by side.

The city is a backdrop. Copy it to a sprite.

1) Choose a "city" backdrop for the stage, then click on the **backdrops** editor tab.



- 2) Use the select tool to select the whole city image.
- 3) Copy the image with the copy button.
- 4) **Delete** the backdrop from the stage (use the bin icon).
- 5) Create a new sprite using the paint tool.
- 6) On the costumes tab, click paste to add the image.
- 7) Make a variable for the sprite position, For this sprite only because we need two sprites in different positions.
- 8) Make variables (For all sprites), for the speed of the scrolling backdrop, and the step added to the position.



- 9) Hide all the variables except speed (uncheck them).
- 10) Right-click on speed and make it a slider.

- 11) Add code to the city sprite. After setting position to zero, make a clone. A forever loop scrolls the sprite and its clone to the left.
- 12) The step must be negative to make the sprite scroll left. Make the speed negative by multiplying it (*) by -1.
- 13) Broadcast the step to the sprite itself and its clone.
- 14) When the sprite receives the message, change position by the step value it moves left.

The screen and pixel width is 480 pixels.

- when clicked

 set position v to 0

 create clone of myself v

 forever

 set step v to -1 speed

 broadcast step v and wait
- when I receive step ▼

 change position ▼ by step

 if position < -480 then

 set position ▼ to position + 960

 go to x: position y: 0
- 15) Once the sprite has moved off screen by 480 pixels (position<-480), it jumps over the other sprite to the right by two screen widths, adding 480*2=960 to its position.
- 16) Make the sprite go to the new position.
- 17) Finally, start the clone at a position one screen width (480) to the right.

You can add a vehicle sprite to make it look like its driving along.



Save your code with a good name. **File > Save now**