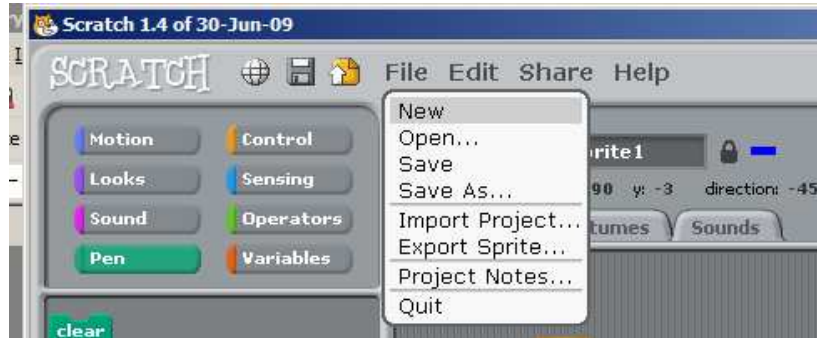





Assignment 2: Looping



Looping can help you repeat something that you want to do over and over easily! Loops are extremely important in programming computers! This assignment will make a simple loop that will make a circle.

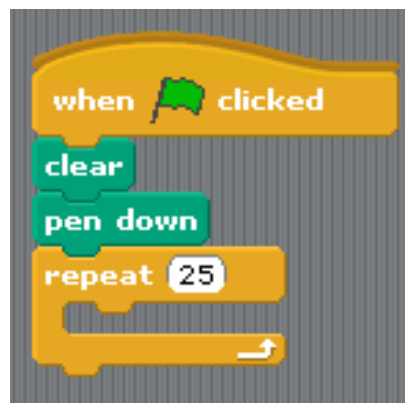
- 1) Make a new file by going to the File Menu, and then New.



- 2) Go to  and add  to the script.

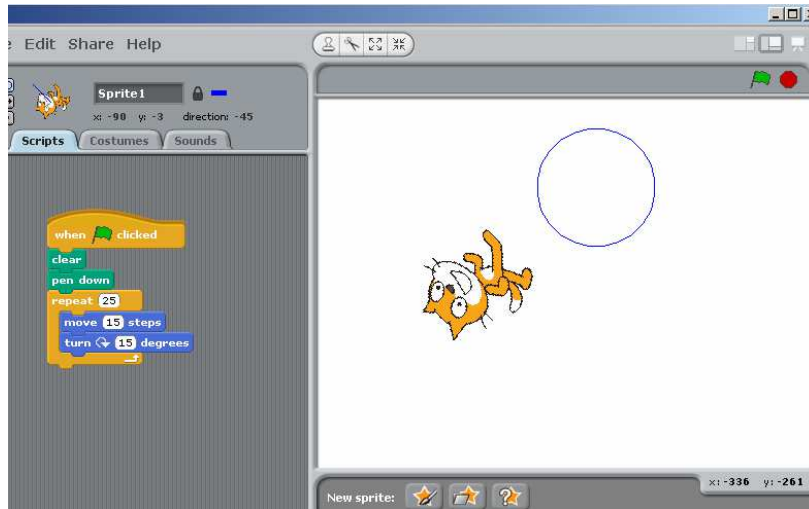
- 3) Next, go to  and then add , and then add  below that. Clear empties the stage before you start drawing.


- 4) Next, go to  and add . Repeat is an item that will repeat what is inside of it the number of times you tell it to. Change the number to 25. Your script should look like this so far:




- 5) Next, go to , and then add , and . Place these two together and then inside of the loop.

- 6) Your script should look like:



- 7) Click the green flag  to try out your script. Scratch should have drawn what looks like a circle.
- 8) Save your assignment as “2-Loop”

Challenges:

- 1) Try to draw a half-circle
- 2) Try to change the number of steps to draw a circle that takes up the entire screen.
- 3) In the Pen Control Category, use  to make a rainbow circle.

