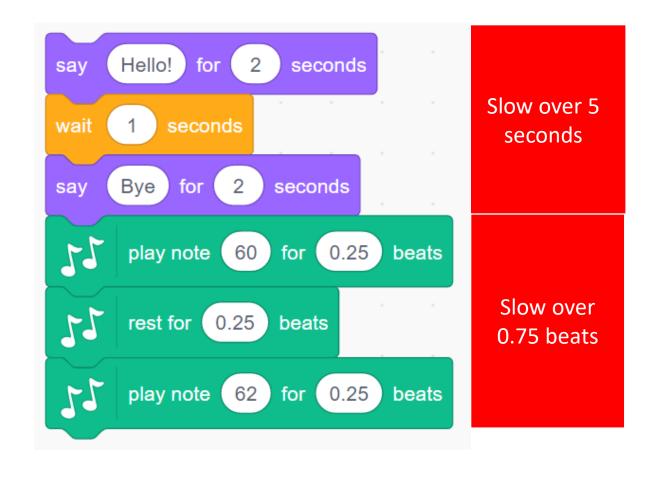
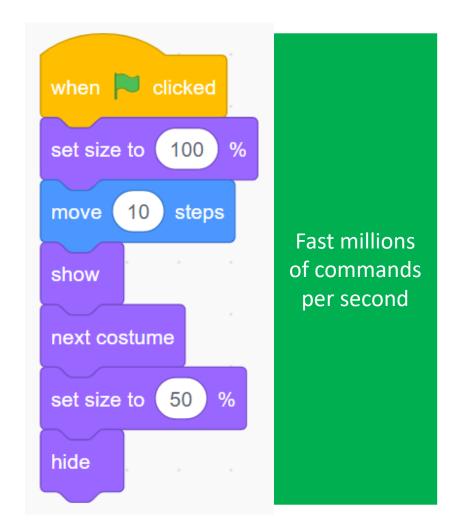
# Part 2 Fast & Slow Actions

# Actions a computer processes per second

Computers process millions of instructions a second



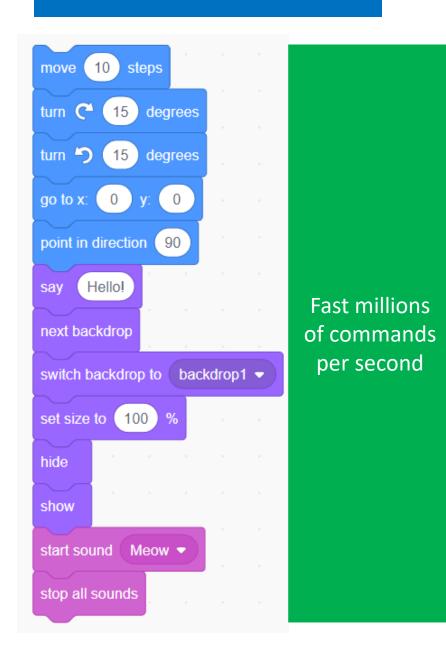












1 secs to x: (0) Hello! for (2) seconds Slow over 5 seconds Hmm... seconds play sound ( Meow ▼ ) until done

What is different between these fast & slow blocks?

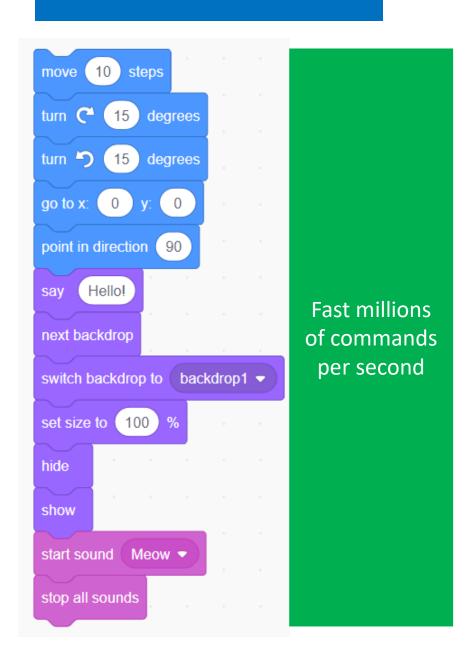


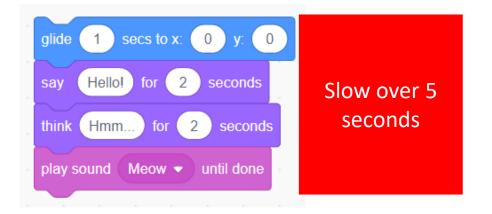












Slow blocks have times or say until done







10 steps move degrees degrees (0) go to x: point in direction 90 Hello! say Fast millions of commands next backdrop per second switch backdrop to backdrop1 ▼ set size to 100 % hide show Meow ▼ start sound stop all sounds

Fast 10 steps move 1 seconds Slow turn (15) degrees Fast 1 seconds Slow 15 degrees Fast 1 seconds Slow Fast 0 y: (0) 1 seconds Slow Hello! say Fast Slow 1 seconds start sound ∫ Meow ▼ Fast Slow 1 seconds Fast show

Fast blocks can be slowed down by wait blocks

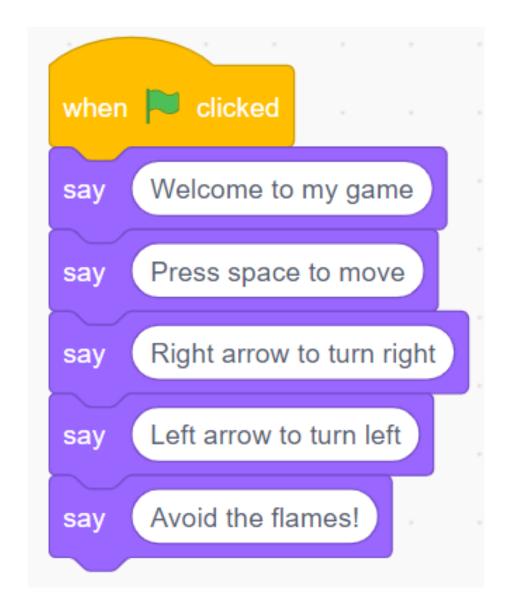
CHIAS Hampshire





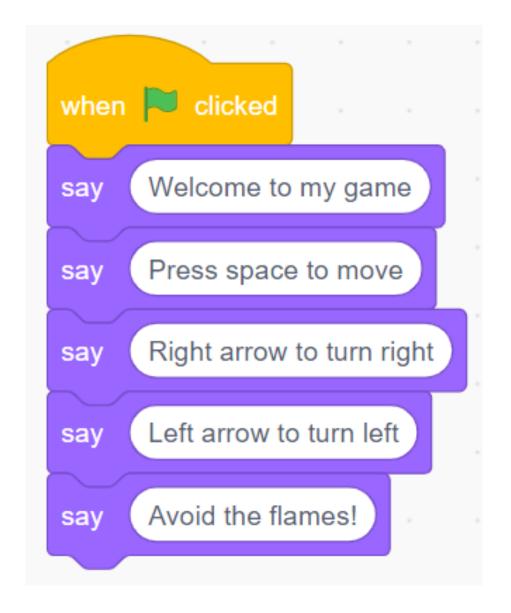






What is wrong with this code?





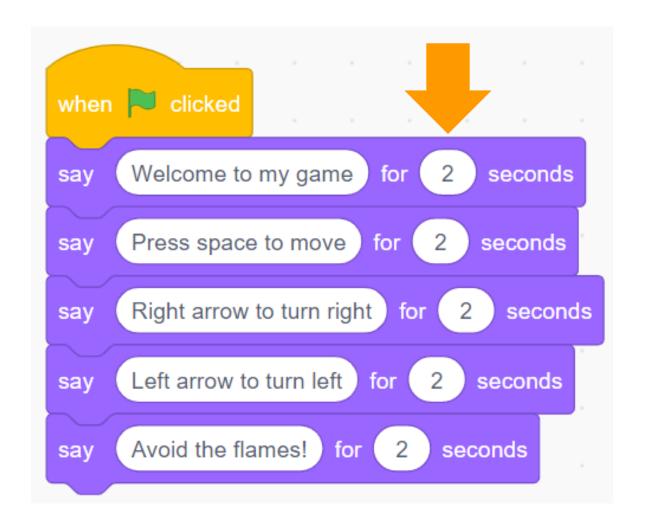
What is wrong with this code?

No waits or times

**Fixed** 







**Fixed** 

# Timing Matters in Programming

Look out for blocks with built in times and blocks without



#### Terms of use

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https://computing.hias.hants.gov.uk/course/view.php?id=51