

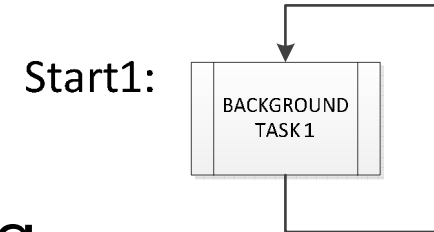
# KodeKLIX for PUP

## Background Tasks



# Background Tasks

- PICAXE 20M2 chip is capable of running multiple tasks, the standard API sharing time between four *programs*
  - Start0 is the main routine
  - Start1 is configured for background music
  - Start2 is configured for fine timing
  - Start3 is configured as the randomiser





# Background Tasks

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- Note1:
  - Background tasks should not stall the other routines with *uninterruptable* coding
- Note2:
  - Task swapping occurs after each command line is executed (pseudo multitasking)
- Note3:
  - WAIT, PAUSE, and other commands do not prevent swapping to other tasks



# Background Tasks

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- Note4:
  - Variables are common throughout the code; so:
    - Variables in background tasks are shared with other routines
    - Values may change between lines of code
- Note5:
  - Additional API tasks 4 through 7 are reserved for future use and should not be used by user apps for risk of future compatibility



# Tutorial: 3.9

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