Text

Description automatically generated

A picture containing shape

Description automatically generated

A picture containing text

Description automatically generated

A picture containing text, receipt

Description automatically generated

1. Things that changed
   1. PC = 400034
      1. this is a program counter that increments in 4s to help point to a part of the program.
   2. R2 [v0] = a
      1. V0 is used as a way of setting a value for a system call.
   3. R4 [a0] = 10010000
      1. A0 stores the value of whatever is being called.
   4. R31 [ra] = 400018
      1. This is the return address that can be used to save and restore addresses during a call function