

Mini Quiz 2

github.com/6035/sp22

Name: _____

Kerberos username (omit @mit.edu): _____

Q: Consider the language of binary strings defined by the following regular expression:

$$(10)^*01(10)^*(0|1)$$

Which of these strings are accepted by this expression?

- 10011
- 0110101
- 01
- 1010010
- 10011001

Q: Give a regular expression which accepts the language of all binary strings which end in 0 and whose length is a positive multiple of 3.

Q: Does the regular expression $(+|-)(0|1|\dots|9)^*(0|1|\dots|9)^*$ recognize the language of decimal numbers? Why or why not?