/\*

  Regular Expression

  Ranges

  - Part 1

  (X|Y) => X Or Y

  [0-9] => 0 To 9

  [^0-9] => Any Character not 0 To 9

  Practice

  - Part 2

  [a-z]

  [^a-z]

  [A-Z]

  [^A-Z]

  [adc]

  [^abc]

\*/

let myString = "AaBbcdefG123!234%^&\*";

let atozSmall = /[a-z]/g; ['a', 'b', 'c', 'd', 'e', 'f']

let NotAtozSmall = /[^a-z]/g; ['A', 'B', 'G', '1', '2', '3', '!', '2', '3', '4', '%', '^', '&', '\*']

let atozCapital = /[A-Z]/g; ['A', 'B', 'G']

let NotatozCapital = /[^A-Z]/g; ['a', 'b', 'c', 'd', 'e', 'f', '1', '2', '3', '!', '2', '3', '4', '%', '^', '&', '\*']

let aAndcAnde = /[ace]/g; ['a', 'c', 'e']

let NotaAndcAnde = /[^ace]/g; ['A', 'B', 'b', 'd', 'f', 'G', '1', '2', '3', '!', '2', '3', '4', '%', '^', '&', '\*']

let all = /[a-z]/ig; ['A', 'a', 'B', 'b', 'c', 'd', 'e', 'f', 'G']

// or

let otherAll = /[a-zA-Z]/g; ['A', 'a', 'B', 'b', 'c', 'd', 'e', 'f', 'G']

let NototherAll = /[^a-zA-Z]/g; ['1', '2', '3', '!', '2', '3', '4', '%', '^', '&', '\*']

let specials = /[^a-z^A-Z0-9]/g; ['!', '%', '&', '\*']

console.log(myString.match(atozSmall));

console.log(myString.match(NotAtozSmall));

console.log(myString.match(atozCapital));

console.log(myString.match(NotatozCapital));

console.log(myString.match(aAndcAnde));

console.log(myString.match(NotaAndcAnde));

console.log(myString.match(all));

console.log(myString.match(otherAll));

console.log(myString.match(NototherAll));

console.log(myString.match(specials));