

Array Visualizer

Here is a program that visualizes an array.

```
String[] myArray = {"bread", "milk", "eggs", "cereal", "juice"};

void setup() {
  size(400, 400);
}

void draw() {
  background(220);
  visualizeArray(myArray);
}

void visualizeArray(String[] array) {
  int squareSize = 40;
  for (int i = 0; i < array.length; i++) {
    textAlign(CENTER, CENTER);

    // index squares
    textSize(18);
    fill(255);
    square(squareSize + i * squareSize, 100, squareSize);
    fill(0);
    text(i, squareSize * 1.5 + i * squareSize, 100 + squareSize / 2);

    // item squares
    textSize(11);
    fill(255);
    square(squareSize + i * squareSize, 100 + squareSize, squareSize);
    fill(0);
    text(array[i], squareSize * 1.5 + 2 + i * squareSize, 100 + squareSize * 1.5);
  }
}
```

Challenges

- Display the list as text with each item on a new line
- Make a list of high scores. Can you write a method that will display them in order of rank from top down?

