

1. Dinner Decision

Sometimes I can't decide what I want to eat.

1. Make an ArrayList of available food.
2. Use a random number to select a type of food everytime I run your program.
3. Make it say "you should eat <random_food_type> tonight".

Write the program first in Blockly, then in Java.

note: Blockly indexes start at 1, Java indexes start at 0.

2. Comedy Central.

Add a bunch of jokes to an ArrayList, and their punchlines to another ArrayList. When the user presses the space bar, show or speak a random joke.

3. Band name generator.

Make 2 arraylists;

- 1 full of adjectives (e.g. slimy, blind)
- 1 full of plural nouns (e.g. pants, bones)

When the program is run, one word is randomly selected from each list to generate a band name.

4. Array Overload

Burst an ArrayList by putting so many things into it that you cause an OutOfMemory error.