CompSci 94
Variables and Array Indexing
October 24, 2019

Prof. Susan Rodger
Arrays given

- Two arrays, animals are in the arrays from left to right as seen
Q1 – What is the code for?

• Code for Pigs to turn right one pig at a time?
Q2 – What is the code for?

• Code for Pandas to bow at the same time (turn forward a little, then turn backward)?
Q3 – Questions about variables

• What is the difference between a const variable and a variable?

• Which Alice construct do you use to change a variable?
Q4 - What is the output of this code?
Q5 – Consider this code. Why isn’t somenum a choice?
Q6 – How do I write an array index loop to have each pig turn right once?
Q7 – How do I write code to have each pig turn right once one at a time, with one of the pandas turning with each pig?
Q8 – How do you write code to get each pig to move up and down, the first pig 0 units, second pig 1 unit, third pig 2 units, etc.
Q9 – How do you write code to color every other panda green in array?

• Start with no color

• Color every other green
Announcements

• Assignment 4 due Oct 31
• Videos and online quiz for next
Class Today

- Array of penguins

That is every other penguin in the array