**Chart, bubble chart

Description automatically generatedCS 1342 – Fall 2022 Program 6 Instructions**

Due 12/5/2022 6:00am

A picture containing shape

Description automatically generated

**Game Play**

The objective is for a player to pop five balloons out of a field of 10. If a Peruna balloon is popped, the player wins $10, but if a Horned Frog is popped the player loses $20.

**Game Setup**

Create 10 Peruna Balloons, then use a random number to select three of those balloons to replace with a Horned Frog Balloon. For simplicity, use a loop to replace those balloons. The field could have fewer than three Horned Frog balloon if a duplicate random number happens to be generated.

**Game Design**

**Diagram

Description automatically generated**

**(Sample output on next page)**

**Sample Output**

[1] [2] [3] [4] [5] [6] [7] [8] [9] [10]

You have 5 throws left

Pick balloon #: 5

Popped Peruna for $10

You now have $10

[1] [2] [3] [4] \* [6] [7] [8] [9] [10]

You have 4 throws left

Pick balloon #: 2

Popped Peruna for $10

You now have $20

[1] \* [3] [4] \* [6] [7] [8] [9] [10]

You have 3 throws left

Pick balloon #: 9

Popped Peruna for $10

You now have $30

[1] \* [3] [4] \* [6] [7] [8] \* [10]

You have 2 throws left

Pick balloon #: 4

Popped a Horned Frog - you lost $20

You now have $10

[1] \* [3] \* \* [6] [7] [8] \* [10]

You have 1 throws left

Pick balloon #: 1

Popped Peruna for $10

You now have $20

Game over