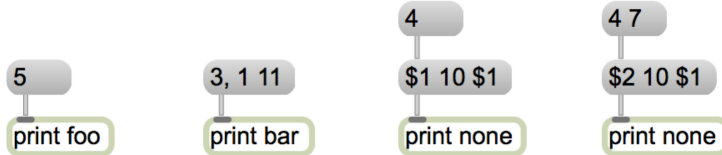


Midterm Practice Questions

Music 4745
Professor: Dr. Berdahl

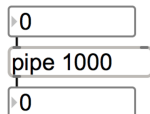
Student's Name:

Beneath each of the four `print` objects below, write what shows up in the Max window after the user clicks once on the top message box above the `print` object. (That is, write what shows up in the Max window after the user clicks on the “5” “3, 1 11” “4” and “4 7” message boxes.) [/12 pts]



Explain the difference between the `random`, `urn`, and `drunk` objects. [/9 pts]

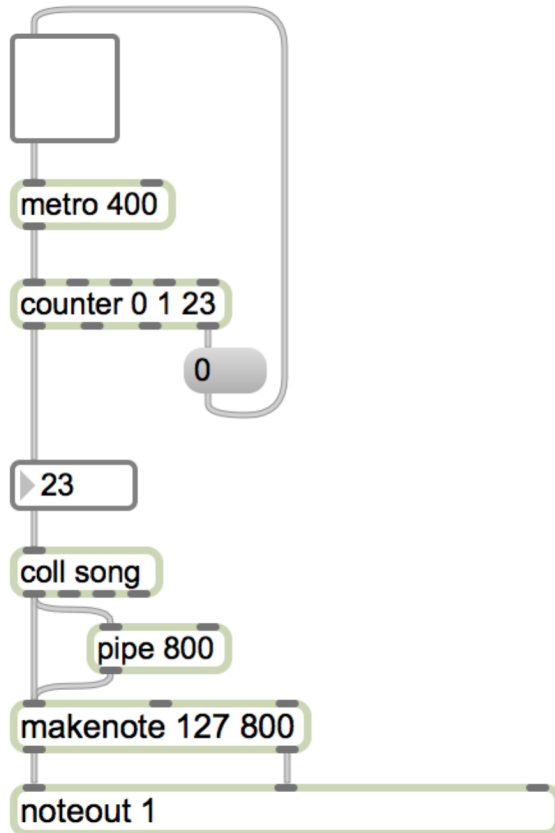
What does the `pipe` object do in this case? Write at least two full sentences, and be as precise as you can. [/4 pts]



Describe a scenario in which it would be very helpful to create an abstraction. [/5 pts]

What is the difference between a subpatch and an abstraction? [/4 pts]

Next to each of the nine objects in the following patch, write a sentence describing what that object does in this patch. [/18 pts]



Bonus. What song is this and what does the pipe object do musically in the context of the song?
[/6 pts]

Here are the contents of the `coll` object from the above patch:

```

song.txt
1 1, 55;
2 2, 57;
3 3, 55;
4 4, 60;
5 5, 59;
6 6, 59;
7 7, 55;
8 8, 57;
9 9, 55;
10 10, 62;
11 11, 60;
12 12, 60;
13 13, 55;
14 14, 67;
15 15, 64;
16 16, 60;
17 17, 59;
18 18, 57;
19 19, 65;
20 20, 64;
21 21, 60;
22 22, 62;
23 23, 60;
24
Insertion Point Line: 1

```