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CS830

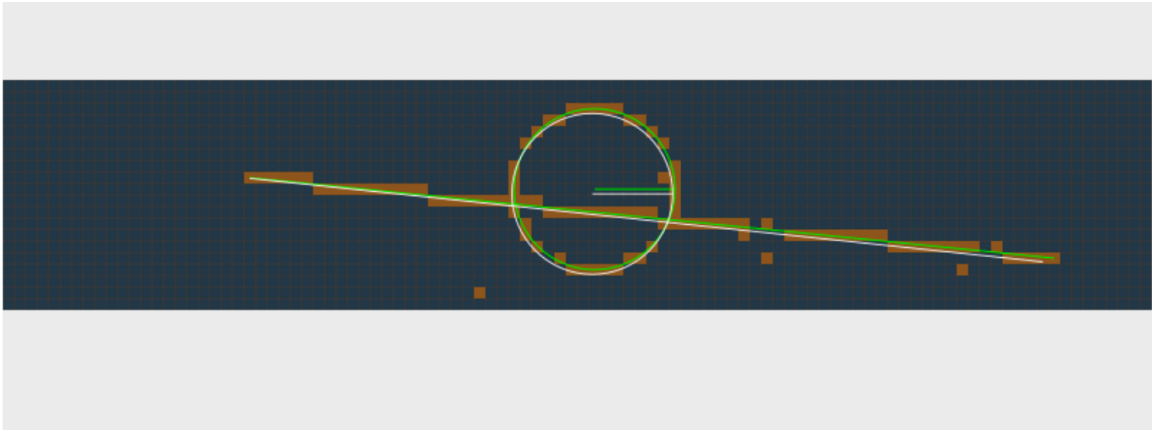
Assignment 11 Writeup

1. **Describe any implementation choices you made that you felt were important. Mention anything else that we should know when evaluating your program.**
   Nothing too crazy.

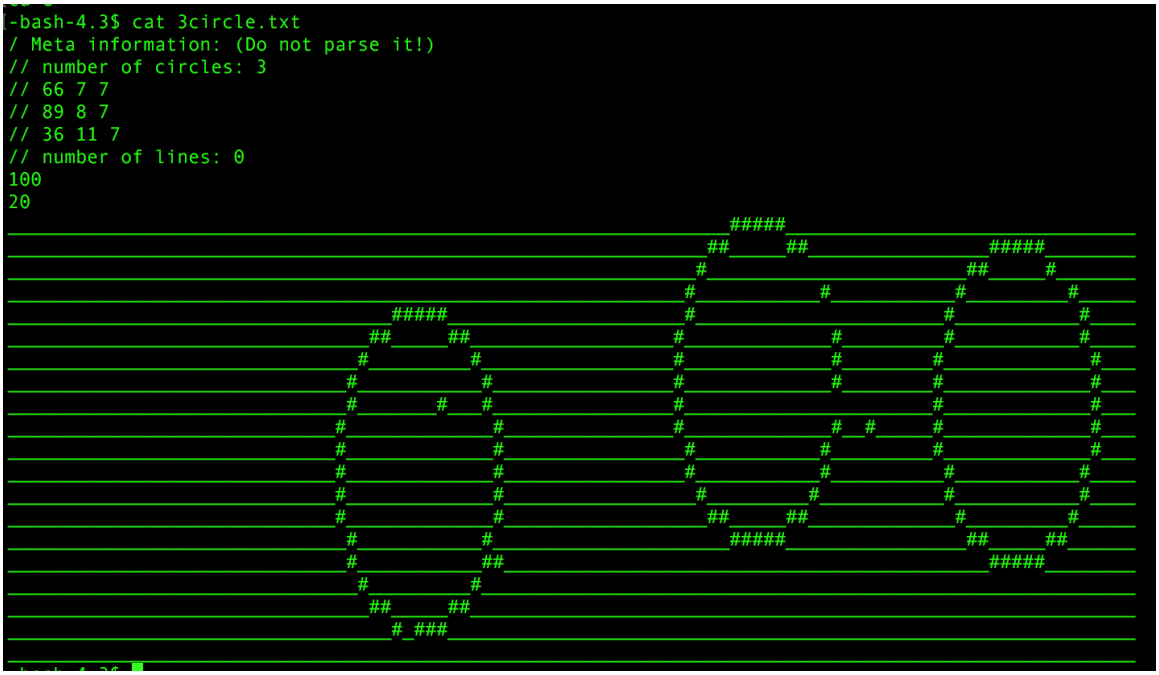
2. **What sorts of input will cause your program to fail? In other words, what does it have trouble with?**
   It has trouble with very densely packed points. If five lines are on top of each other in the middle of the screen, it has a very hard time differentiating. The reference solution refers similar behavior.

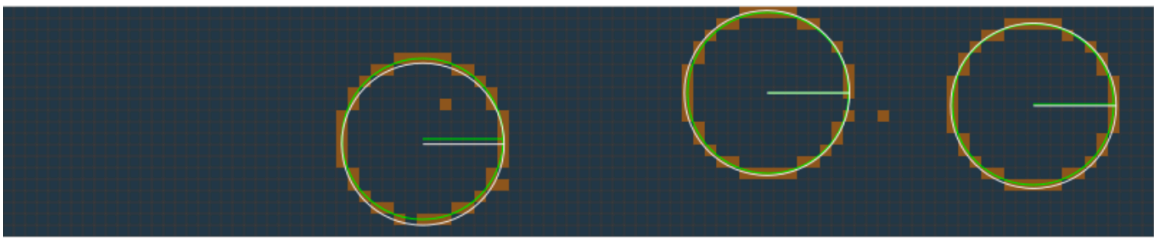
3. **What suggestions do you have for improving this assignment in the future?**
   Nothing pressing.

1 Circle, 1 Line



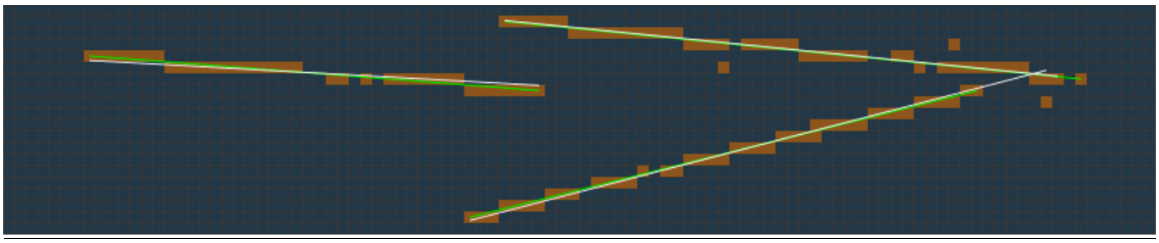
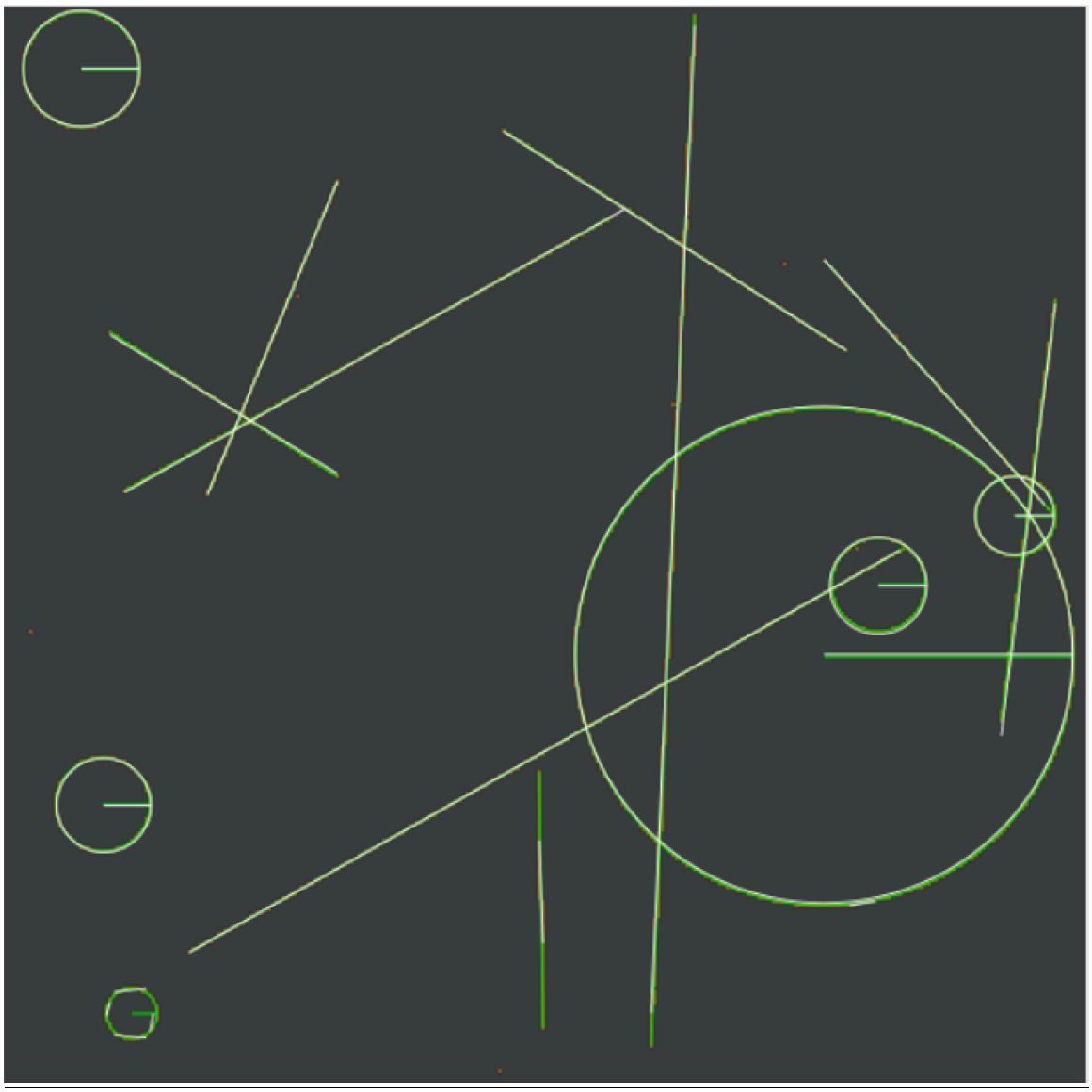
3 Circles


-bash-4.3$ cat 3circle.txt
/ Meta information: (Do not parse it!)
// number of circles: 3
// 66 7 7
// 89 8 7
// 36 11 7
// number of lines: 0
100
20



3 Lines

```
[-bash-4.3$ cat 3lines.txt
/ Meta information: (Do not parse it!)
// number of circles: 0
// number of lines: 3
// 43 1 93 6
// 40 18 84 7
// 7 4 46 7
100
20
```



Complex