Andrew Plum

CS 395

11/25/2023

Assignment #3 Problem 10

10)

./a.out 20 15 0 1 1 1 0 1 0 1 0 0 0 1 1 0 1 0 1 X 0 1 1 0 X X 1 0 1 X 0 1 1 0 X 1 0 1 1 1 1 0 0 0 1 0 1 X 0 0 0 X 0 0 1 0 1 1 0 1 0 0 1 0 0 0 0 1 0 0 1 0 0 1 0 X 0 0 0 1 1 0 0 0 0 1 X 0 0 0 0 0 0 0 X 0 1 0 0 0 0 0 0 1 0 1 X 0 0 0 0 0 0 0 X 0 0 0 1 1 1 0 0 0 0 1 0 0 0 1 X X 0 0 X X 0 0 0 0 0 1 0 1 0 0 1 1 1 1 1 1 0 0 1 0 0 1 0 X 1 0 1 0 0 0 0 0 0 0 1 1 0 0 1 1 0 X 0 0 0 1 0 0 0 1 X X 1 0 0 1 1 0 0 1 X 0 0 1 1 1 0 0 0 1 0 X 1 1 1 0 0 0 0 1 0 0 1 0 X 0 0 0 0 0 0 0 0 1 0 0 1 0 X 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 1 1 X 0 0 0 0 0 1 0 1 1 0 X 0 0 0 1 1 1 X 0 0 1 0 0 0 1 0 X 0 0 0 1 1 1 0 0 0 0 0 1 0 0 0 1 0 0 0 1 1 0

Coin Collecting Table:

0 1 2 3 3 4 4 5 5 5 5 6 7 7 8

0 2 0 3 4 5 5 0 0 6 6 7 0 7 9

1 2 0 4 4 6 7 8 9 9 9 9 10 10 11

0 2 2 4 0 6 7 9 9 10 11 11 12 12 12

0 2 2 4 4 7 7 9 10 10 11 12 12 0 12

0 2 3 5 5 7 7 9 11 0 11 12 12 12 12

0 2 0 5 6 7 7 9 11 11 11 13 13 14 0

0 2 2 5 6 7 7 0 11 11 11 14 15 16 16

0 2 2 6 6 7 7 8 0 0 11 14 0 0 16

0 2 2 6 7 7 8 8 8 9 12 15 16 17 18

0 2 3 6 7 8 8 0 9 9 13 15 16 17 18

0 2 3 7 8 8 8 9 10 10 0 15 16 17 19

0 2 3 8 0 0 9 9 10 11 12 15 16 18 0

0 2 4 9 10 10 10 10 11 11 0 16 17 19 19

0 2 4 10 10 10 11 11 0 11 11 16 17 19 19

0 2 5 10 10 11 11 0 0 11 11 16 18 19 19

0 3 5 10 10 12 12 12 13 14 0 16 18 19 19

0 4 5 11 12 12 0 12 13 14 15 17 19 0 19

0 5 5 11 12 13 13 0 13 14 15 18 20 21 21

0 5 5 11 13 13 13 13 14 14 15 18 21 22 22