[SOLUTION] Binary Beepers

Answer: XMAS CAROLS

This puzzle is a meta-puzzle and uses all the answers from previous puzzles. There is a GIF of a Karel The Robot program executing corresponding to each regular puzzle. Each letter in the alphabet is mapped to one of the four instructions that Karel The Robot can execute: move(), turnLeft(), pickBeeper(), and putBeeper(). The instructions executed in each GIF correspond to the answer for that puzzle. Using the GIFs, we can deduce the mapping from letters to instructions:

- A: turnLeft()
- B: putBeeper()
- C: putBeeper()
- D: putBeeper()
- E: pickBeeper()
- F: move()
- G: move()
- H: move()
- I: turnLeft()
- K: move()
- M: pickBeeper()
- N: pickBeeper()
- O: move()
- P: turnLeft()
- R: turnLeft()
- S: turnLeft()
- T: move()
- U: move()
We can now interpret the long string of characters at the bottom as a Karel The Robot program and execute it. This gives the following ending configuration for the beepers:

If we interpret each row of five as binary, with beepers as 1’s and empty cells as 0’s, we get the following:

- 24 = X
- 13 = M
- 1 = A
- 19 = S
- 3 = C
- 1 = A
- 18 = R
- 15 = O
- 12 = L
- 19 = S

Thus, it turns out Karel went missing to go write **XMAS CAROLS**.