**Logic of each team each week**

1. Load all teams into a list called eligible teams list (ETL)
   1. 0-1-2-3-4-5-6-7-8-9-10-11
2. Take the week were processing and remove each team we’ve already processed from ETL
   1. 0-1-2-3-4-5-6-7-8-9-10-11
3. Remove the processing team (PT) from the ETL (0)
   1. 1-2-3-4-5-6-7-8-9-10-11
4. Remove teams we’ve already played in prior weeks from ETL
   1. 1-2-3-4-5-6-7-8-9-10-11
5. Generate a random team number (RTN) from the ETL
   1. (11)
6. Look in this each teams list for this week(0) and see if the RTN generated in 5 (11) is in their list for this week (0) already
   1. If it is, eliminate it from the ETL (which it’s not)
      1. Would look like this 1-2-3-4-5-6-7-8-9-10
      2. Go back to step 5 and generate another RTN
7. Mark PT list (0) in the processing week (0) to be the RTN generated in step 5 (11)
   1. {11- - - - - - - - - -}
8. Go into RTN’s list (11) and mark the PT in the week (0) slot
   1. {0- - - - - - - - - - -}
9. Remove the RTN (11) from our ETL
   1. 1-2-3-4-5-6-7-8-9-10
10. Add the team eliminated in step6a back into the ETL
    1. 1-2-3-4-5-6-7-8-9-10
11. Repeat steps 5 - 11

**Week 1 of team 0**

5 11

6 false

7 team 0 {11- - - - - - - - - -}

8 team 11 {0- - - - - - - - - - -}

9 1-2-3-4-5-6-7-8-9-10

10 1-2-3-4-5-6-7-8-9-10

**Week 2 of team 0**

5 6

6 false

7 team 0 {11-6- - - - - - - - -}

8 team 6 {-0- - - -- - - - - -}

9 1-2-3-4-5-7-8-9-10

10 1-2-3-4-5-7-8-9-10

**Week 3 of team 0**

5 3

6 false

7 team 0 {11-6-3- - - - - - - -}

8 team 3 {- -0- - - - - - - - -}

9 1-2-4-5-7-8-9-10

10 1-2-4-5-7-8-9-10

**Week 4 of team 0**

5 9

6 false

7 team 0 {11-6-3-9- - - - - - -}

8 team 9 {- - -0- - - - - - - -}

9 1-2-4-5-7-8-10

10 1-2-4-5-7-8-10

**Week 5 of team 0**

5 2

6 false

7 team 0 {11-6-3-9-2- - - - - -}

8 team 2 {- - - -0- - - - - - -}

9 1-4-5-7-8-10

10 1-4-5-7-8-10

**Week 6 of team 0**

5 7

6 false

7 team 0 {11-6-3-9-2-7- - - - -}

8 team 7 {- - - - -0- - - - - -}

9 1-4-5-8-10

10 1-4-5-8-10

**Week 7 of team 0**

5 10

6 false

7 team 0 {11-6-3-9-2-7-10- - - -}

8 team 10 {- - - - - - -0- - - -}

9 1-4-5-8

10 1-4-5-8

**Week 8 of team 0**

5 5

6 false

7 team 0 {11-6-3-9-2-7-10-5- - -}

8 team 5 {- - - - - - - -0- - -}

9 1-4-8

10 1-4-8

**Week 9 of team 0**

5 8

6 false

7 team 0 {11-6-3-9-2-7-10-5-8- -}

8 team 8 {- - - - - - - --0- -}

9 1-4

10 1-4

**Week 10 of team 0**

5 1

6 false

7 team 0 {11-6-3-9-2-7-10-5-8-1-}

8 team 1 {- - - - - - - - - -0-}

9 4

10 4

**Week 11 of team 0**

5 4

6 false

7 team 0 {11-6-3-9-2-7-10-5-8-1-4}

8 team 4 {- - - - - - - - - - -0}

9

10

**Team lists after processing team 0**

0-{11-6-3-9-2-7-10-5-8-1-4}

1-{- - - - - - - - - -0-}

2-{- - - -0- - - - - - -}

3-{- -0- - - - - - - - -}

4-{- - - - - - - - - - -0}

5-{- - - - - - - -0- - -}

6-{-0- - - -- - - - - -}

7-{- - - - -0- - - - - -}

8-{- - - - - - - --0- -}

9-{- - -0- - - - - - - -}

10-{- - - - - - -0- - - -}

11-{0- - - - - - - - - - -}