**Week 17 Run length encoding** **21/01/21**

**Task 1**

0000000000

0000000000

0011111100

0000001000

0000010000

0000100000

0001000000

0011111100

0000000000

0000000000

10W

10W

2W 6B 2W

6W 1B 3W

5W 1B 4W

4W 1B 5W

3W 1B 6W

2W 6B 2W

10W

10W

22 6 8 1 8 1 8 1 8 1 8 6 22

**Dictionary Coding**

**Task 1**

Hickory Dickory Dock

The Mouse Ran Up the Clock

The Clock Struck One

and down he ran

hickory dickory dock

**Task 2**

1 My

2 Hello

3 Is

4 Name

5 Mahin

6 And

7 Do

8 Boxing

9 I

10 Play

11 Games

12 have

13 2

14 Jobs

15 .

2 1 4 3 5 6 7 8 6 1 10 6 9 12 13 14 15