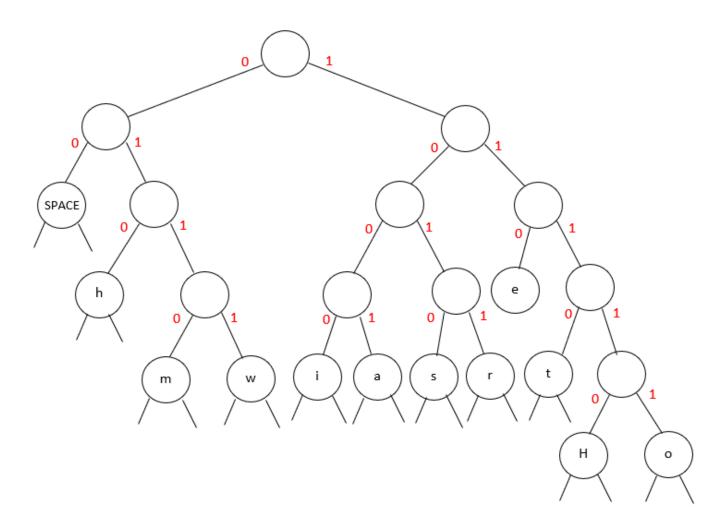# Compression Assignment – Philip Byrne 19449216

Task 1

"Home is where the heart is"

Frequency Table

[SPACE]	e	h	i	s	r	t	H	o	m	w	a
5	5	3	2	2	2	2	1	1	1	1	1

Codeword Table

[SPACE]	e	h	i	s	r	t	H	o	m	w	a
00	110	010	1000	1010	1011	1110	11110	11111	0110	0111	1001