

Assignment 3

Text Indexing

Text: *Intelligent behaviour in people is a product of the mind. But the mind itself is more like what the human brain does.*

a) Construct an inverted file/list for the text above.

without stop-words: intelligent behaviour people product mind mind human brain

Vocabulary	Full Inverted Index
Intelligent	[1, 1, (1)]
Behaviour	[1, 1, (2)]
People	[1, 1, (3)]
Product	[1, 1, (4)]
Mind	[1, 2, (5 , 6)]
Human	[1, 1, (7)]
Brain	[1, 1, (8)]

b) Use the above text to construct an inverted list with block addressing.

as this is a very small document, I will use four blocks for the collection.

Intelligent behaviour	people product	mind mind	human brain
-----------------------	----------------	-----------	-------------

Vocabulary	Occurrences
Intelligent	1
Behaviour	1
People	2
Product	2
Mind	3
Human	4
Brain	4

