

There are two environment variables in my Lab7

The first is sys.argv[1] which is the input filename(without .txt)

The second is sys.argv[2] which is the hash function name

You can select hash_func or hash_funcOne or hash_funcTwo as the argv[2]

Same factor with different hash functions factor is equal to 0.7

data \ hash_function	the maximum appeared times	which word appeared the maximum times	the number of probes	the number of collisions
hash_func	4988	the	108215587	26570
hash_funcOne	4988	the	19550570	28917
hash_funcTwo	4988	the	175405356	30208

Same hash function with different factors using hash_func

data \ factor	the maximum appeared times	which word appeared the maximum times	the number of probes	the number of collisions
0.6	4988	the	121148424	29774
0.7	4988	the	108215587	26570
0.8	4988	the	110255665	27200

Same hash function with different factors using hash_funcOne

data \ factor	the maximum appeared times	which word appeared the maximum times	the number of probes	the number of collisions
0.6	4988	the	20004469	31813
0.7	4988	the	19550570	28917
0.8	4988	the	20803854	29579

Same hash function with different factors using hash_funcTwo

data \ factor	the maximum appeared times	which word appeared the maximum times	the number of probes	the number of collisions
0.6	4988	the	172961870	33418
0.7	4988	the	175405356	30208
0.8	4988	the	200914820	30838