main_input: InputLayer	input:	(500, 1)
	output:	(500, 1)

hidden_layer1: Dense	input:	(500, 1)
	output:	(500, 75)

hidden_layer2: Dense	input:	(500, 75)
	output:	(500, 75)

hidden_layer3: Dense	input:	(500, 75)
	output:	(500, 75)

hidden_layer4: Dense	input:	(500, 75)
	output:	(500, 75)

hidden_layer5: Dense	input:	(500, 75)
	output:	(500, 75)

hidden_layer6: Dense	input:	(500, 75)
	output:	(500, 75)

hidden_layer7: Dense	input:	(500, 75)
	output:	(500, 75)

hidden_layer8: Dense	input:	(500, 75)
	output:	(500, 75)

main_output: Dense	input:	(500, 75)
	output:	(500, 1)