

## LAMPIRAN

### LAMPIRAN 1

Nilai Tekanan dan Penurunan pada Uji Laboratorium pada Tanah Ekspansif yang diperkuat kolom SiCC berbentuk T dengan panjang kolom 50 cm

Tekanan (kpa)	Penurunan (mm)
0.000	0.000
0.439	0.350
0.877	0.580
1.316	3.240
1.754	4.090
2.193	6.770
2.631	9.980
3.070	11.120

### LAMPIRAN 2

Nilai Tekanan dan Penurunan pada Analisis Numerik pada Tanah Ekspansif yang diperkuat kolom SiCC berbentuk T dengan panjang kolom 50 cm

Tekanan (kpa)	Penurunan (mm)
0	0
0.076748	0.175313
0.153496	0.347703
0.268619	0.608124
0.441302	1.00192
0.700327	1.60587
1.088866	2.85751
1.671672	4.97685
2.545891	8.4877
3.069928	11.1117

## LAMPIRAN 3

Nilai Tekanan dan Penurunan pada Uji Laboratorium pada Tanah Ekspansif yang diperkuat kolom SiCC berbentuk T dengan panjang kolom 70 cm

Tekanan (kpa)	Penurunan (mm)
0.000	0.000
0.439	0.310
0.877	0.770
1.316	1.680
1.754	2.400
2.193	3.220
2.631	5.930
3.070	7.680

## LAMPIRAN 4

Nilai Tekanan dan Penurunan pada Analisis Numerik pada Tanah Ekspansif yang diperkuat kolom SiCC berbentuk T dengan panjang kolom 70 cm

Tekanan (Kpa)	Penurunan (mm)
0	0
0.306993	0.57827
0.613986	1.18235
0.920978	1.80508
1.381468	2.77703
2.072202	4.53685
3.069928	7.64608

## LAMPIRAN 5

Nilai Tekanan dan Penurunan pada Analisis Numerik Sistem Pelat pada Tanah Ekspansif yang diperkuat kolom SiCC berbentuk T dengan panjang kolom 50 cm

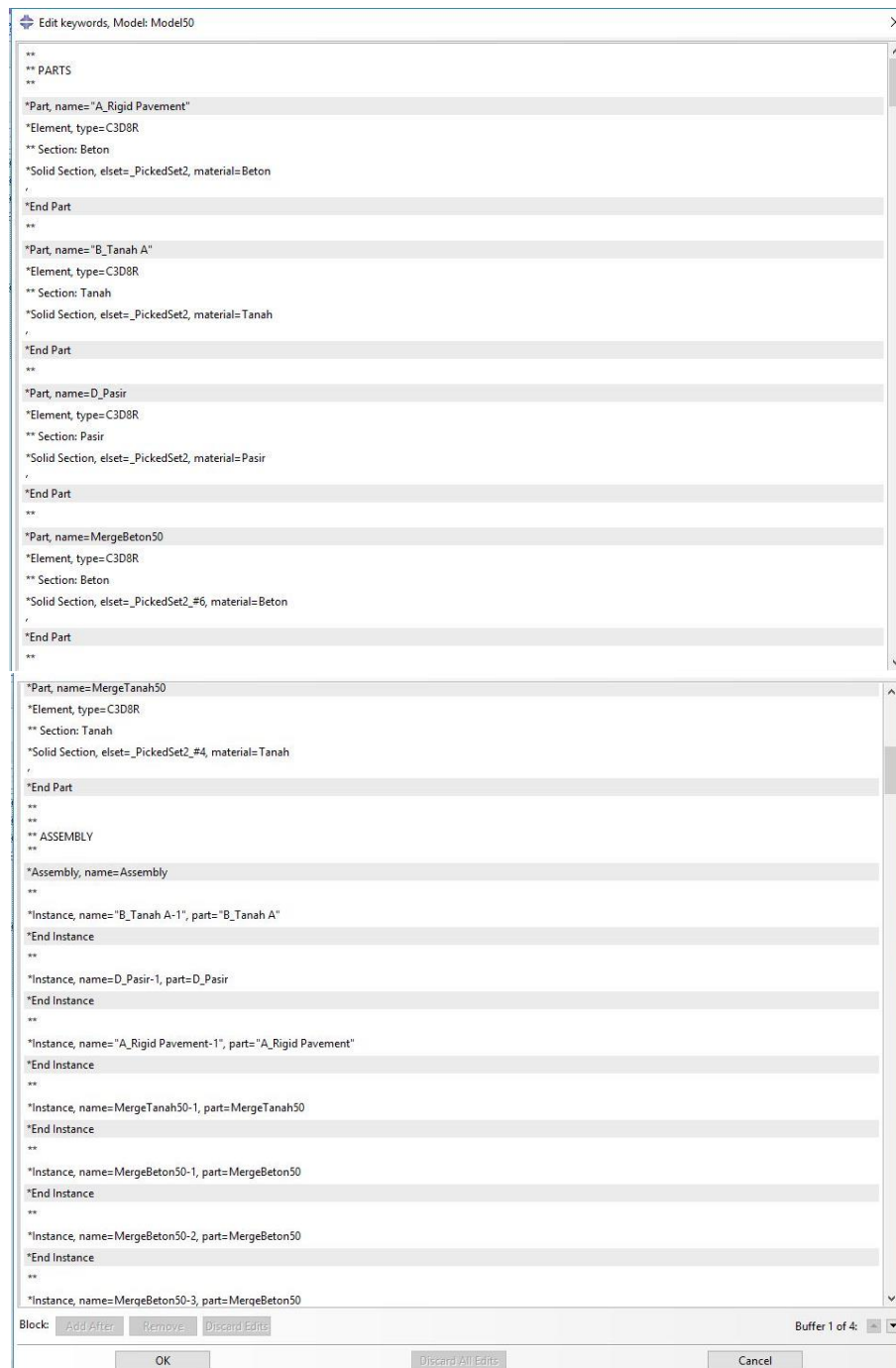
Beban (kpa)	Penurunan (mm)	Beban (kpa)	Penurunan (mm)
0.000	0.000	49.021	4.961
0.000	0.000	51.676	5.400
0.000	0.000	55.659	6.094
0.307	0.004	61.634	7.215
0.613	0.008	63.874	7.647
1.073	0.017	67.235	8.321
1.763	0.032	68.495	8.577
2.798	0.061	70.386	8.970
4.350	0.114	73.221	9.577
6.679	0.218	77.475	10.529
10.172	0.418	78.500	10.761
15.411	0.806	49.021	4.961
17.376	0.964	51.676	5.400
20.323	1.225	55.659	6.094
24.744	1.669	61.634	7.215
31.374	2.447	63.874	7.647
33.861	2.754	67.235	8.321
37.591	3.248	68.495	8.577
43.186	4.061	70.386	8.970
45.284	4.377	73.221	9.577
46.071	4.497	77.475	10.529
47.251	4.680	78.500	10.761

## LAMPIRAN 6

Nilai Tekanan dan Penurunan pada Analisis Numerik Sistem Pelat pada Tanah Ekspansif yang diperkuat kolom SiCC berbentuk T dengan panjang kolom 70 cm

Beban (kN)	Penurunan (mm)
0.000	0.000
0.491	0.003
0.981	0.008
1.717	0.017
2.821	0.036
4.477	0.072
6.961	0.144
10.686	0.289
12.084	0.347
14.179	0.441
17.323	0.607
22.038	0.900
29.111	1.430
31.764	1.641
35.742	1.983
41.710	2.551
43.948	2.771
47.305	3.117
52.340	3.668
54.228	3.879
57.061	4.206
61.309	4.718
67.682	5.534
77.241	6.859
78.500	7.036

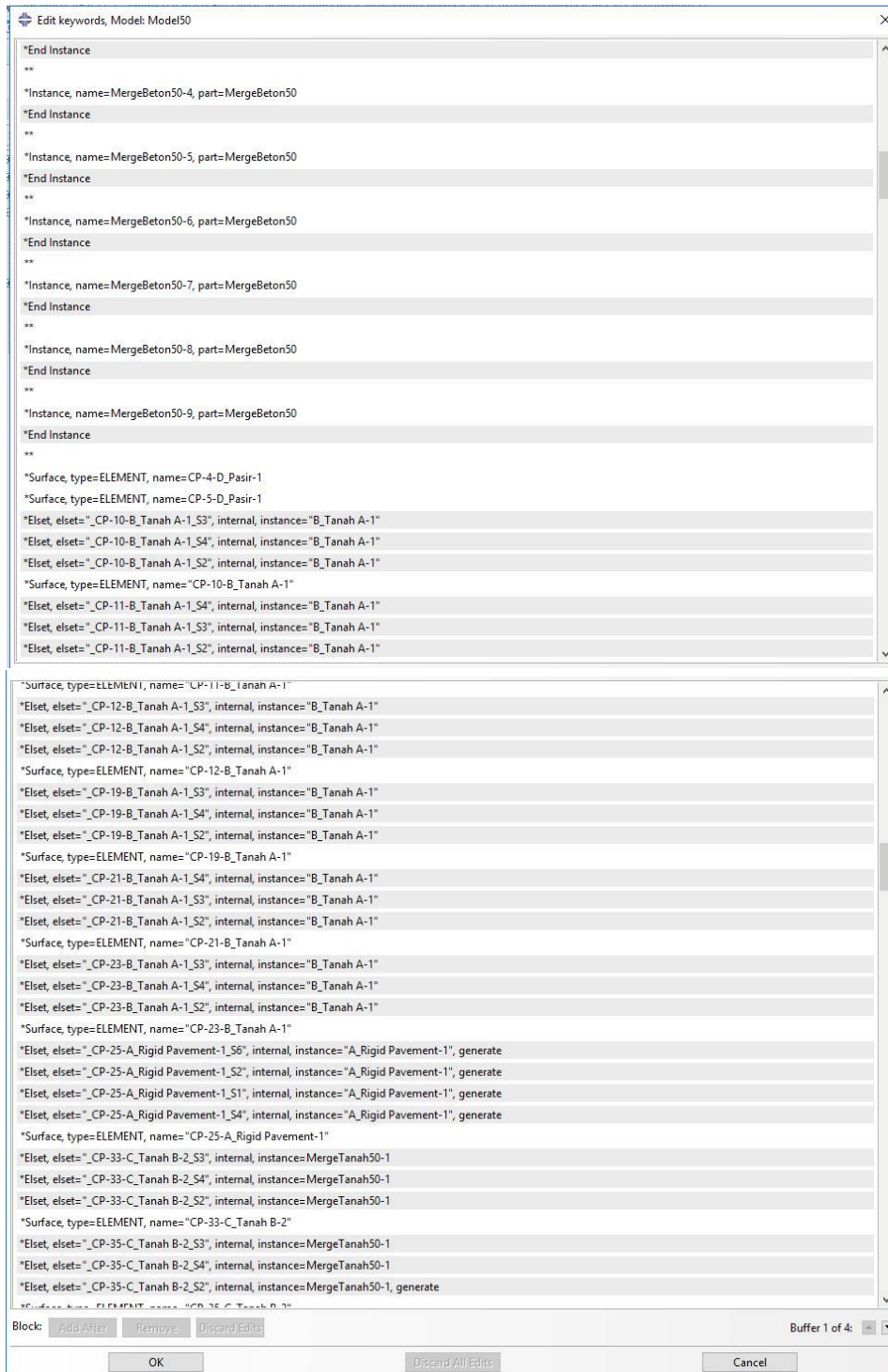
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Proses *running* menggunakan ABAQUS 6.11

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*End Part
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*End Instance
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*End Instance
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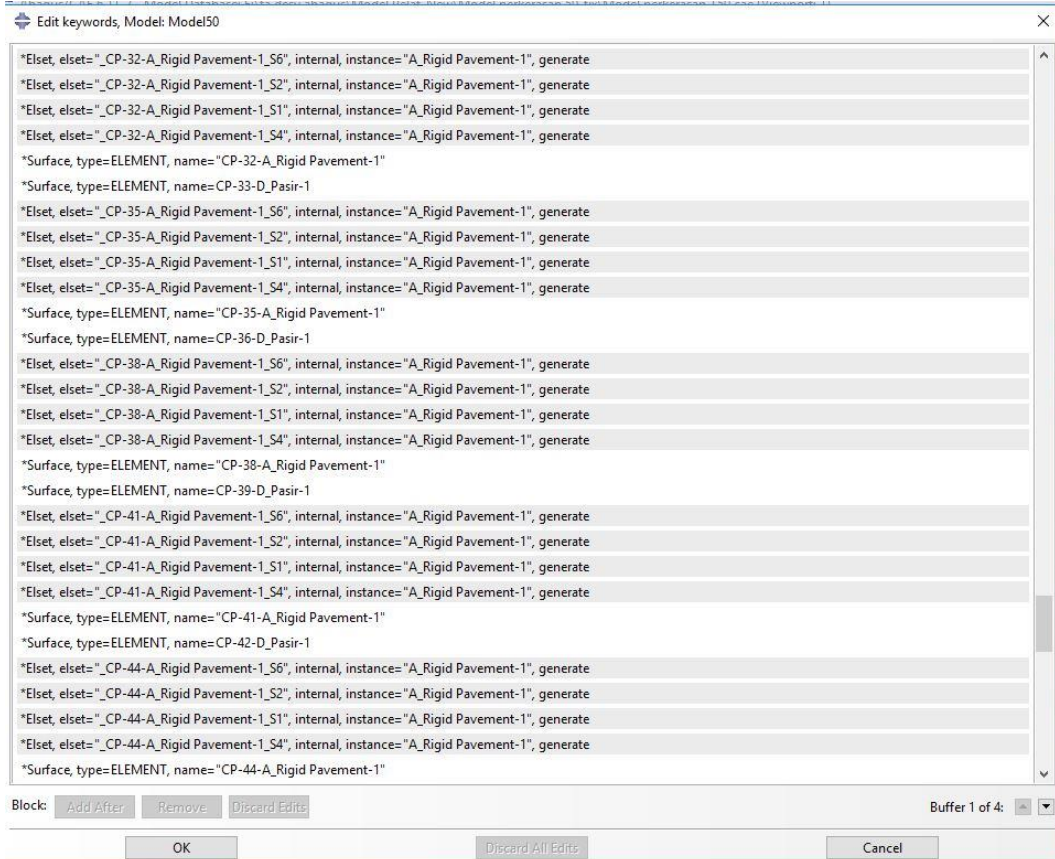
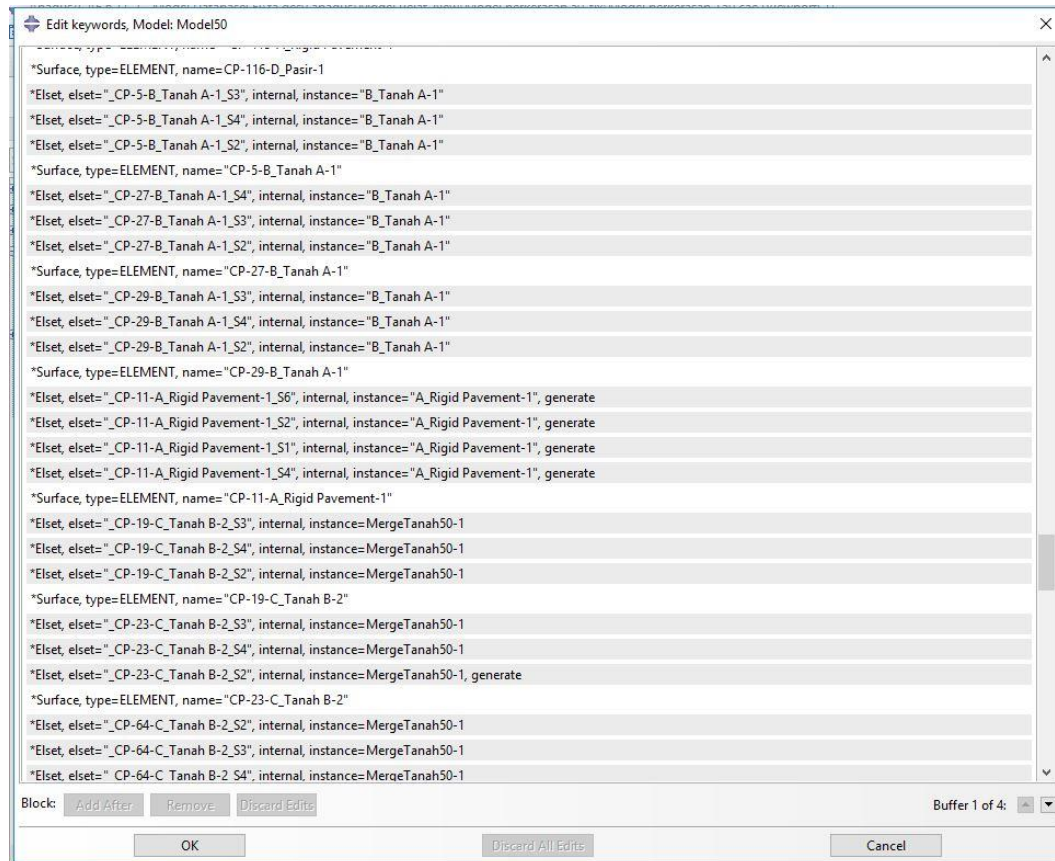


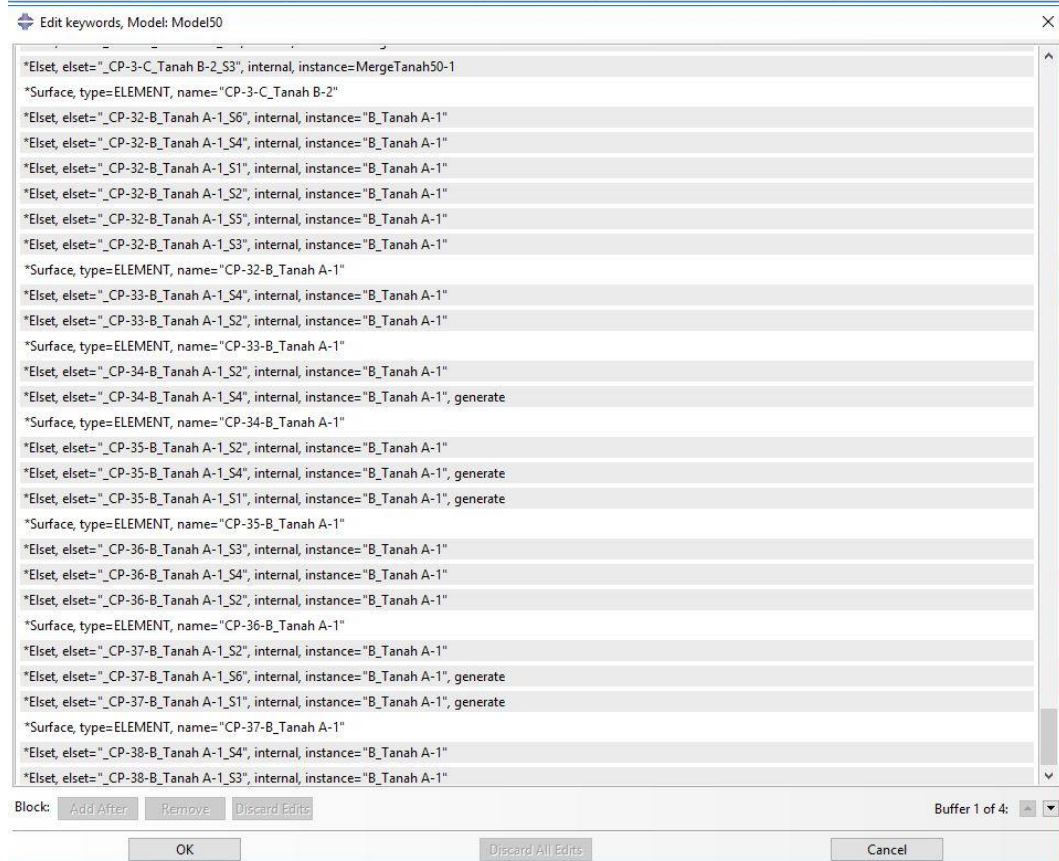
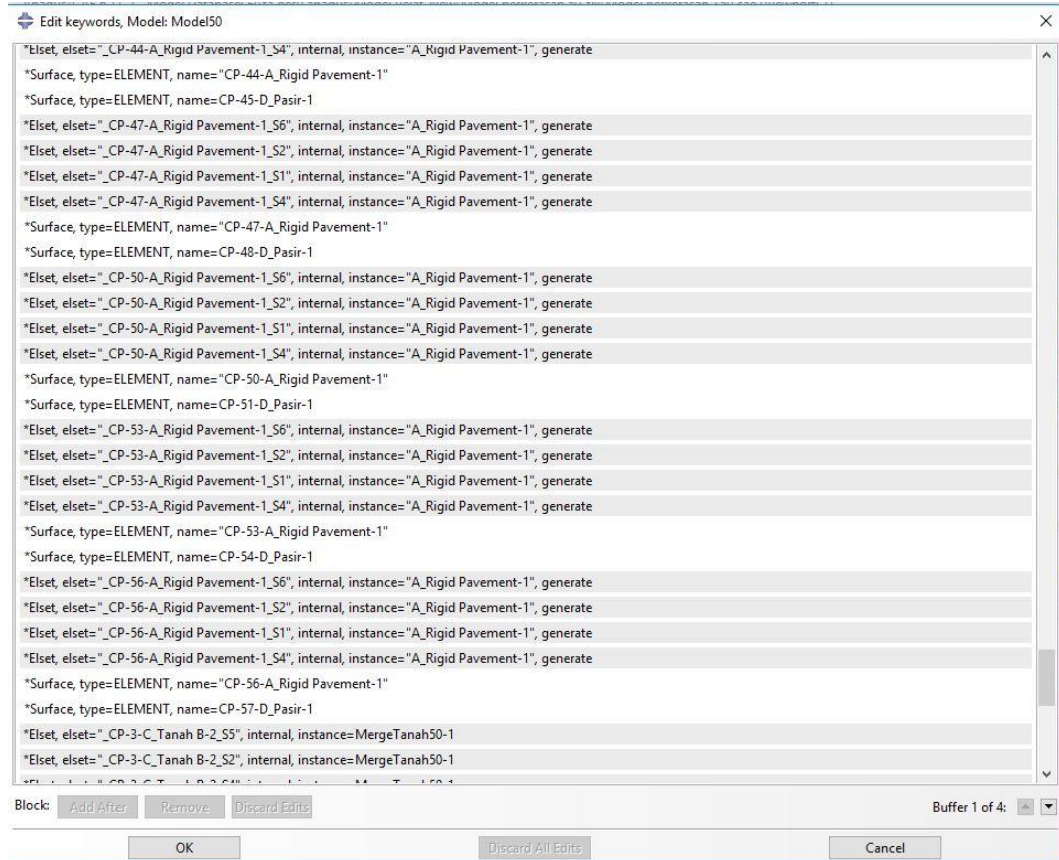


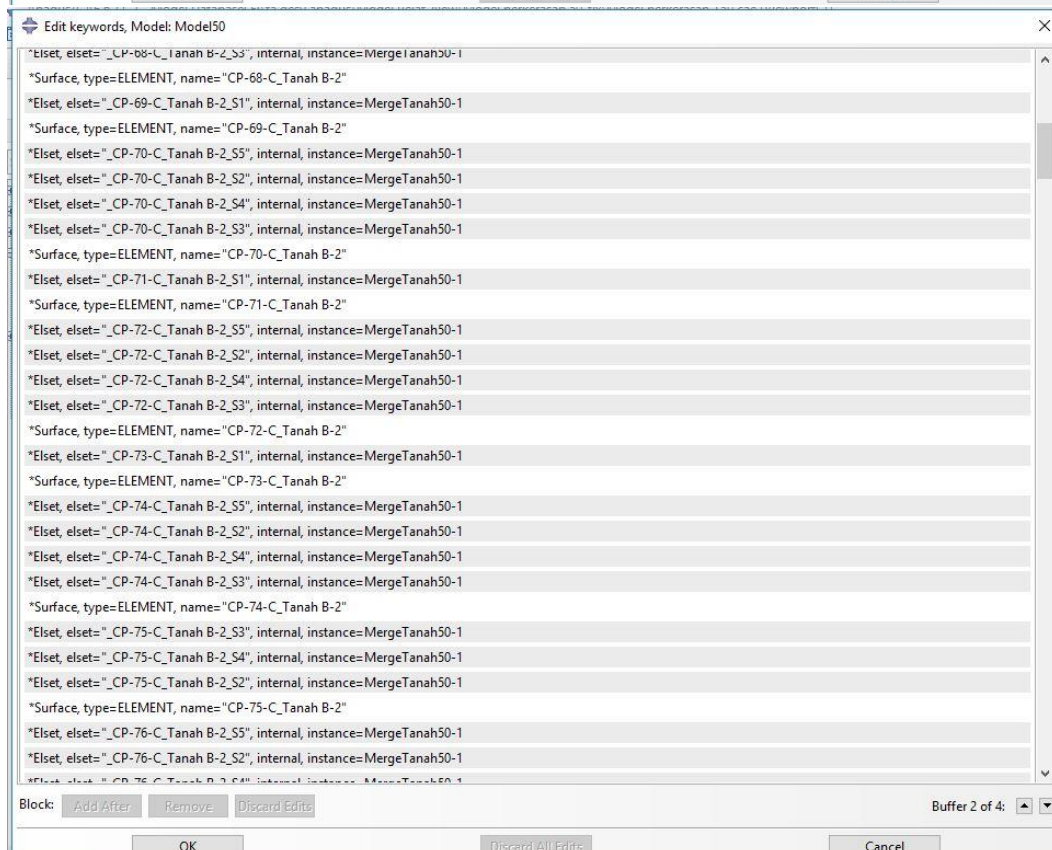
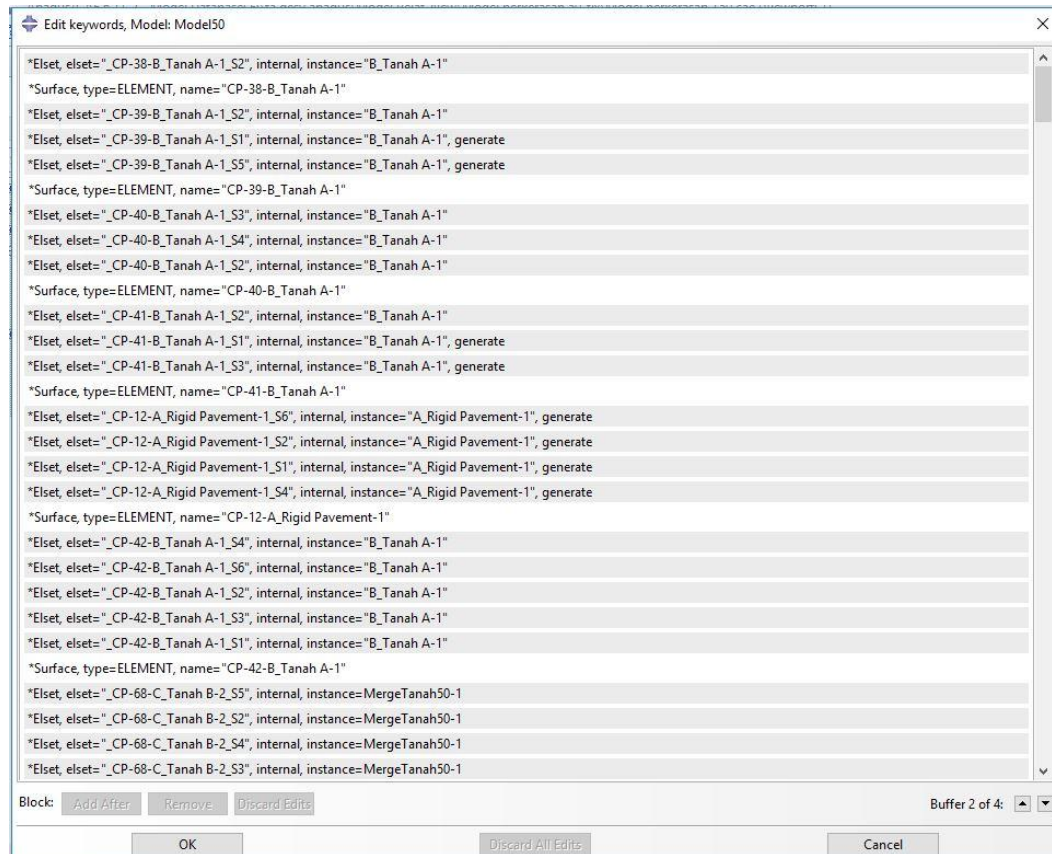














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Edit keywords, Model: Model50

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*Elset, elset=_CP-84-C_Tanah B-2_S4", internal, instance=MergeTanah50-1
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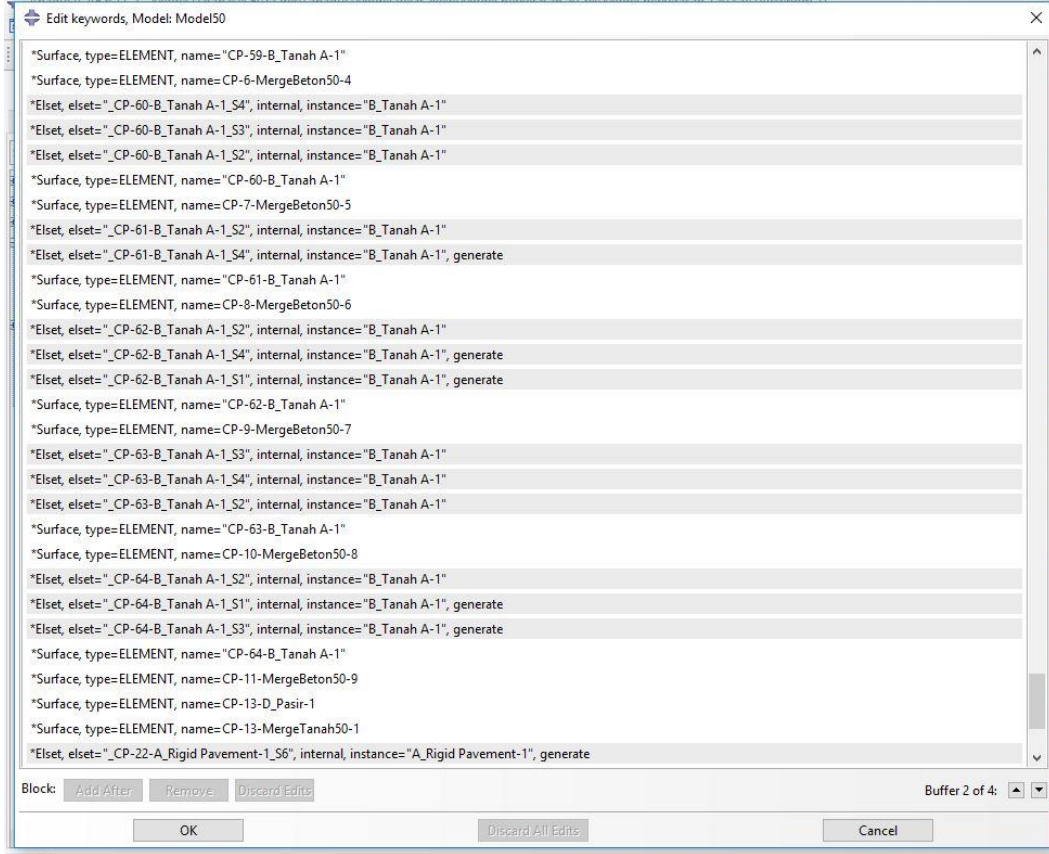
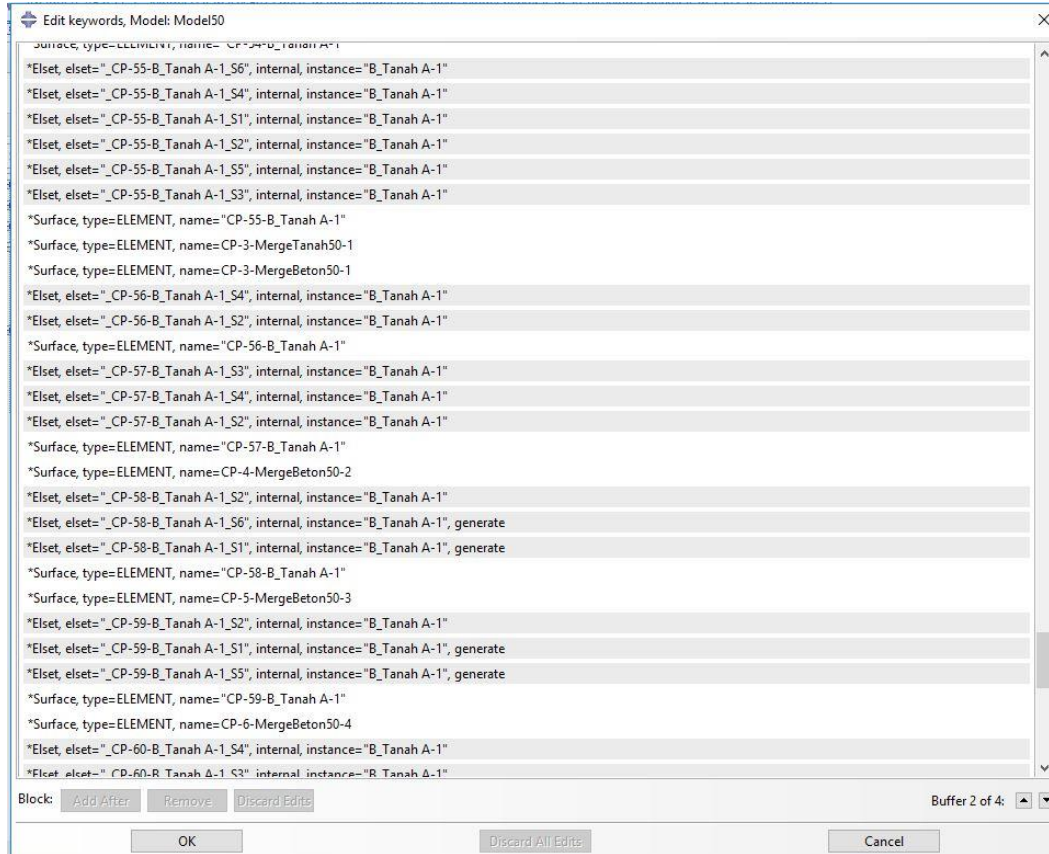


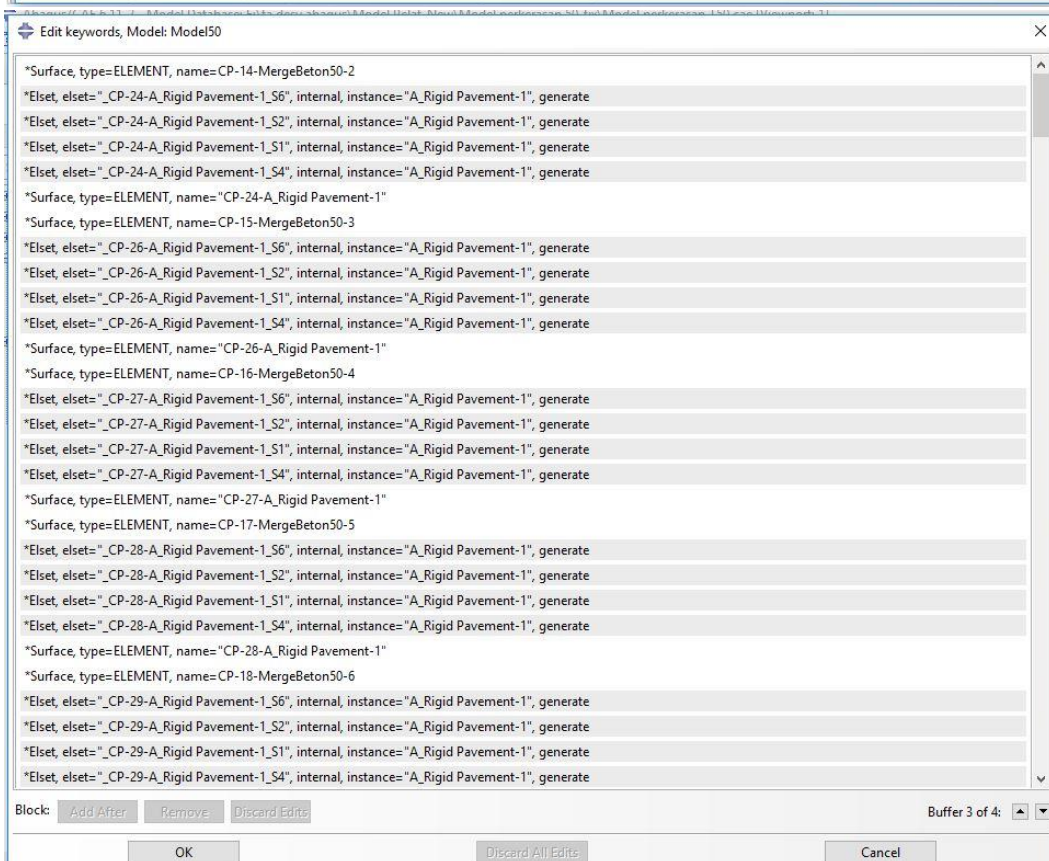
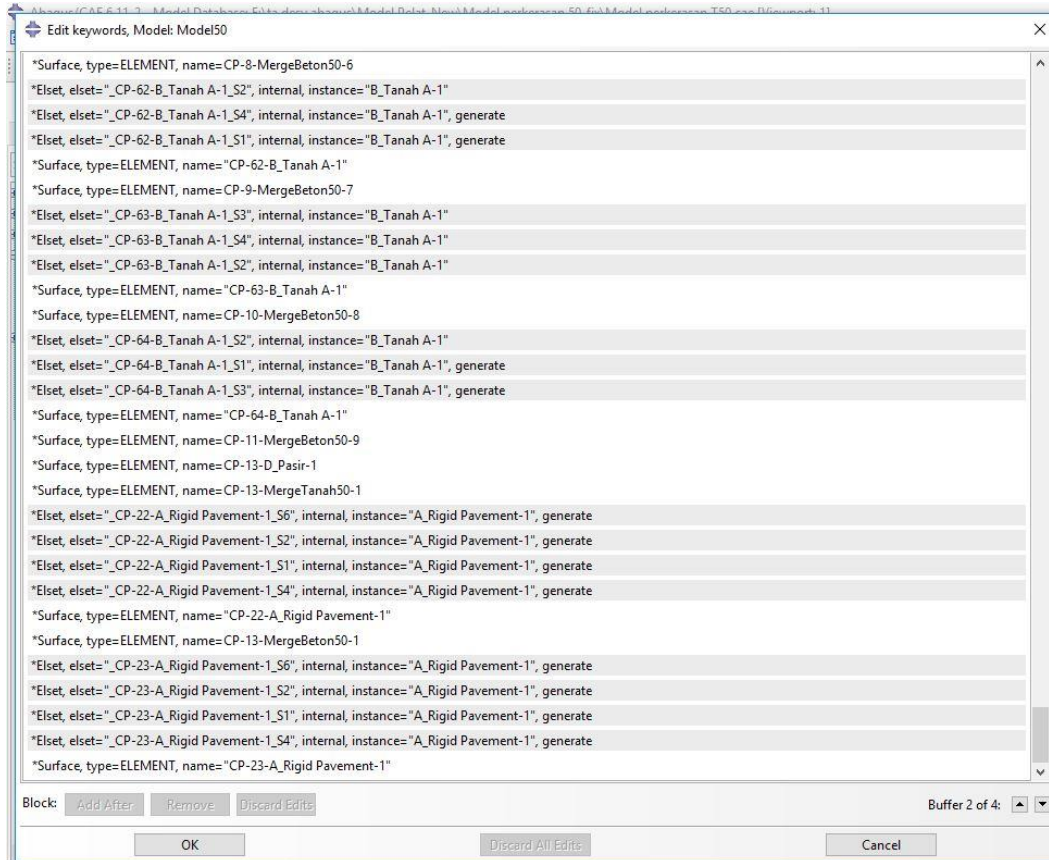


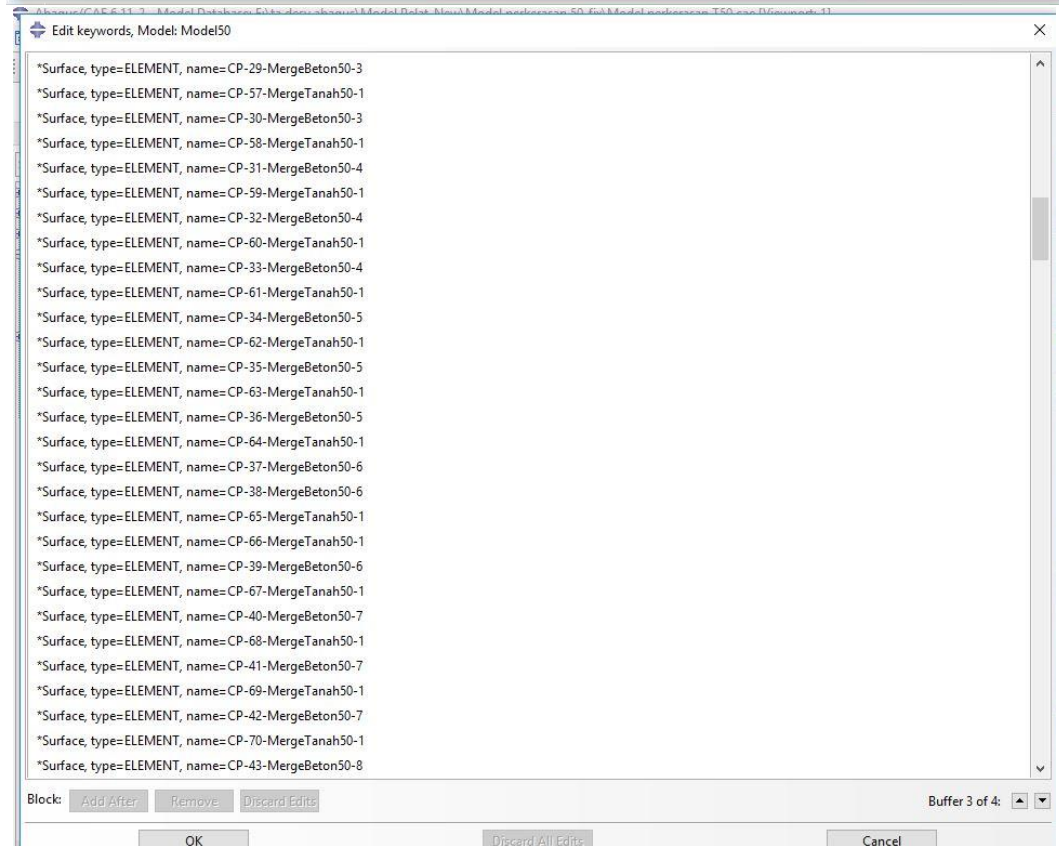
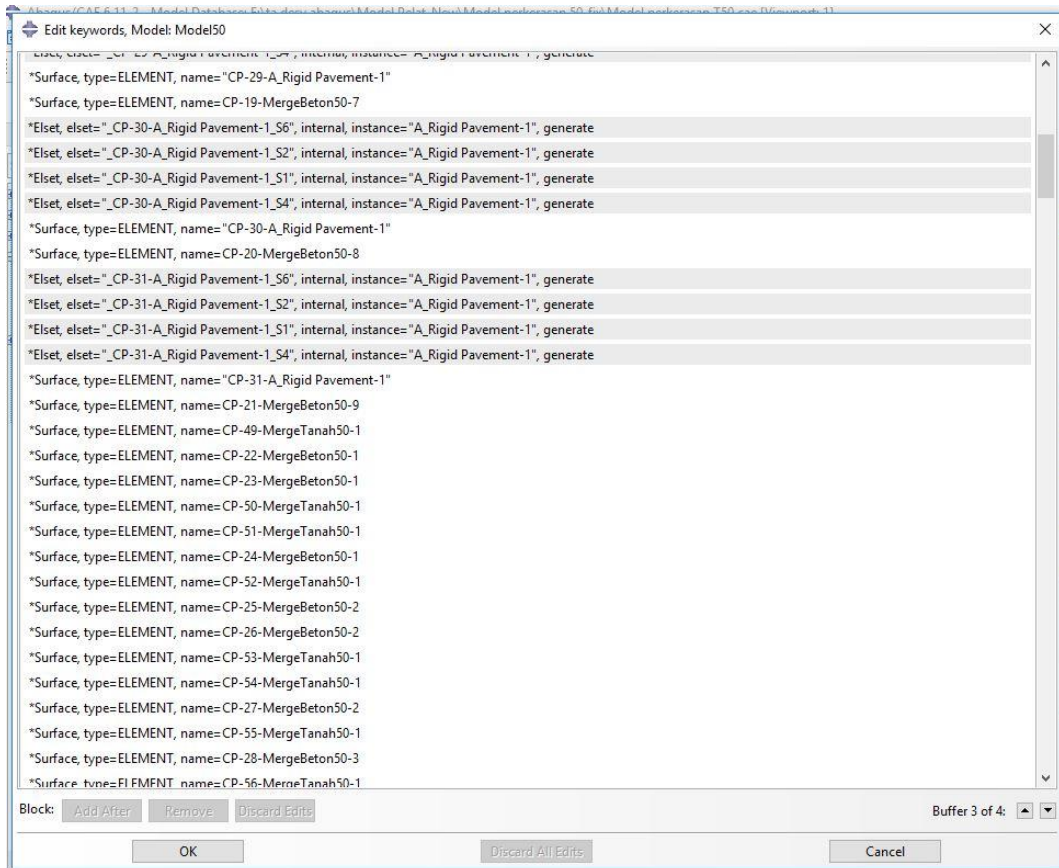




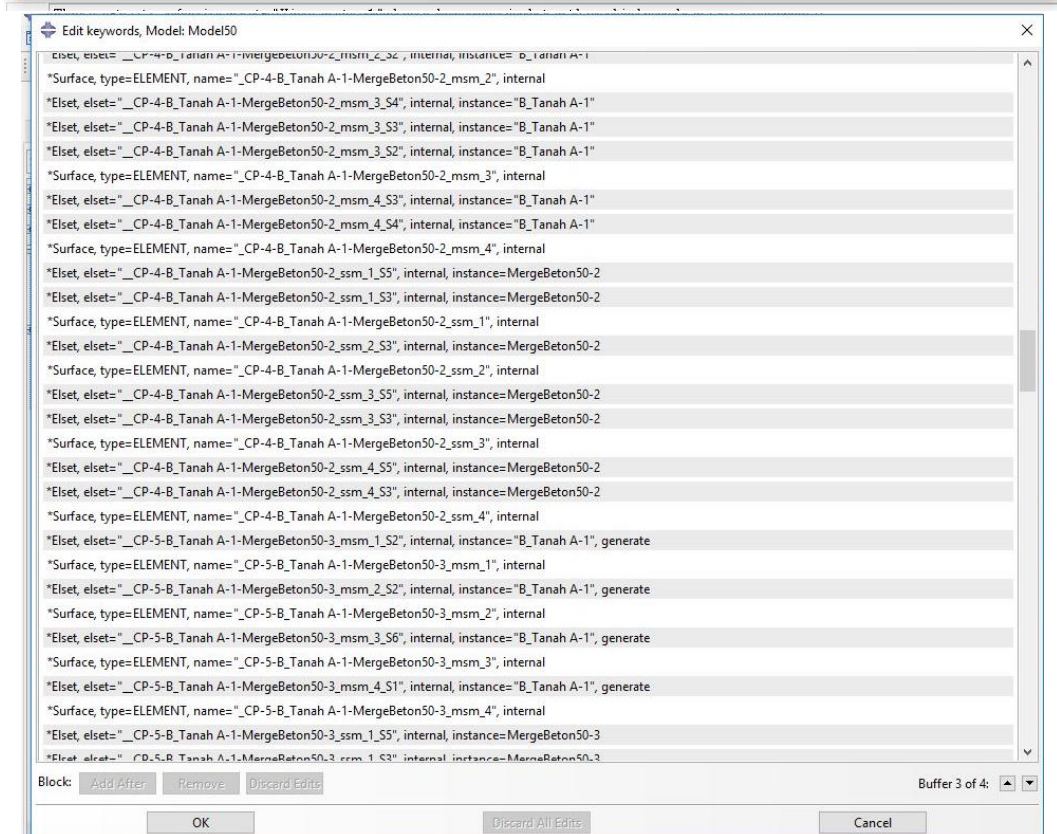
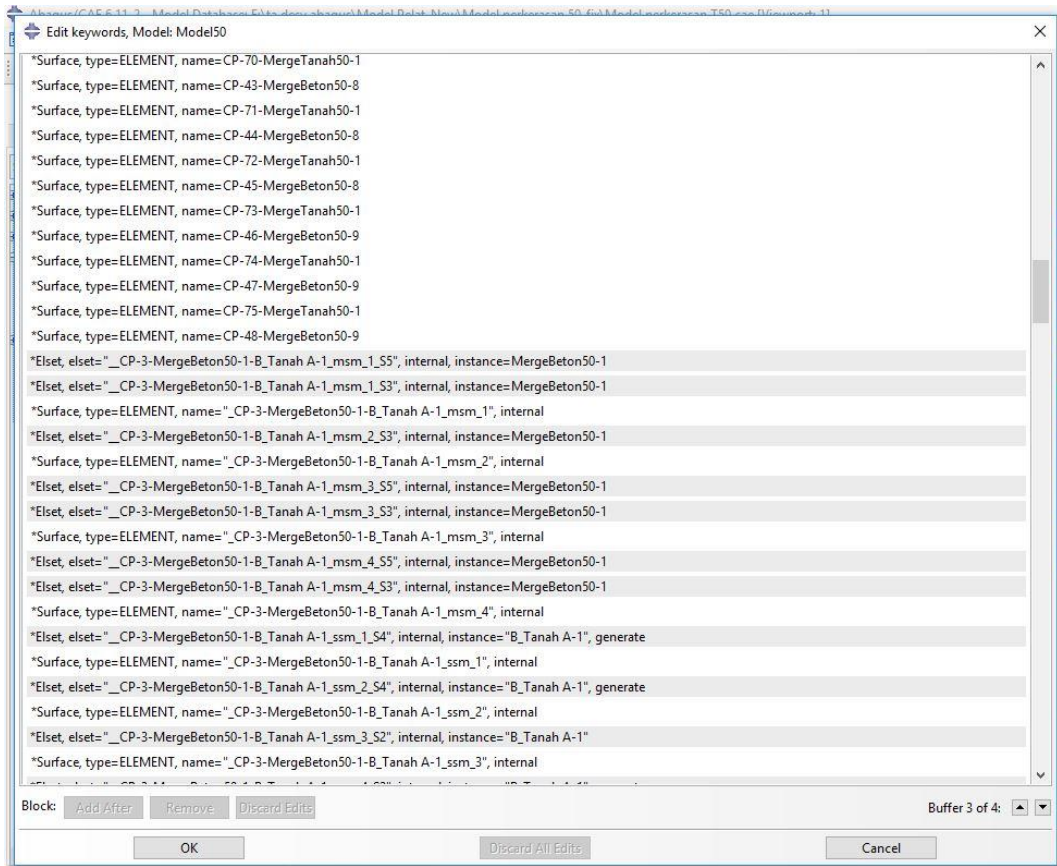


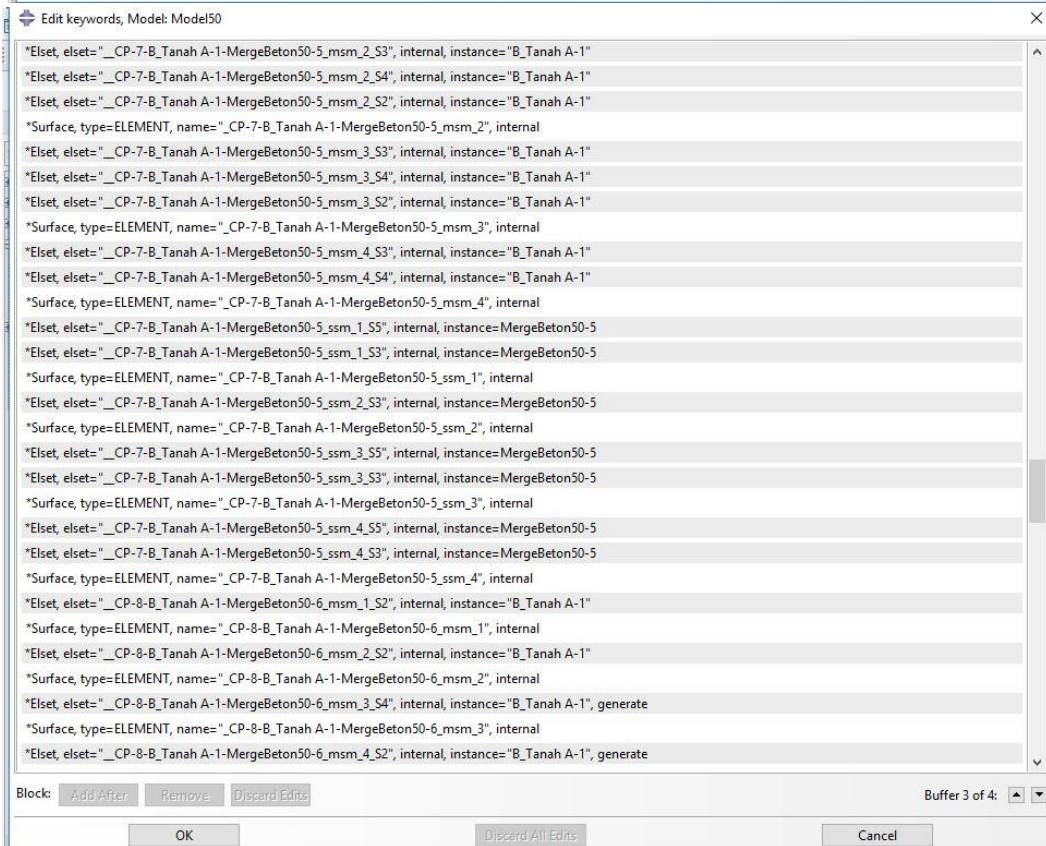
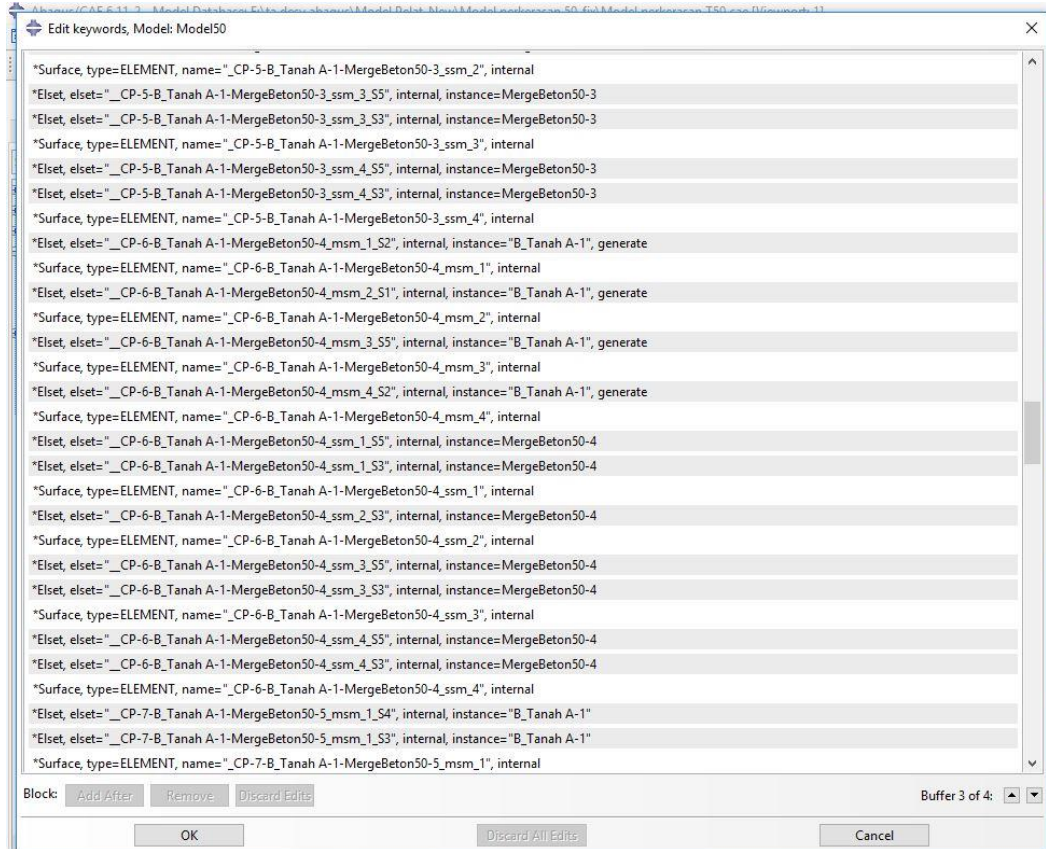










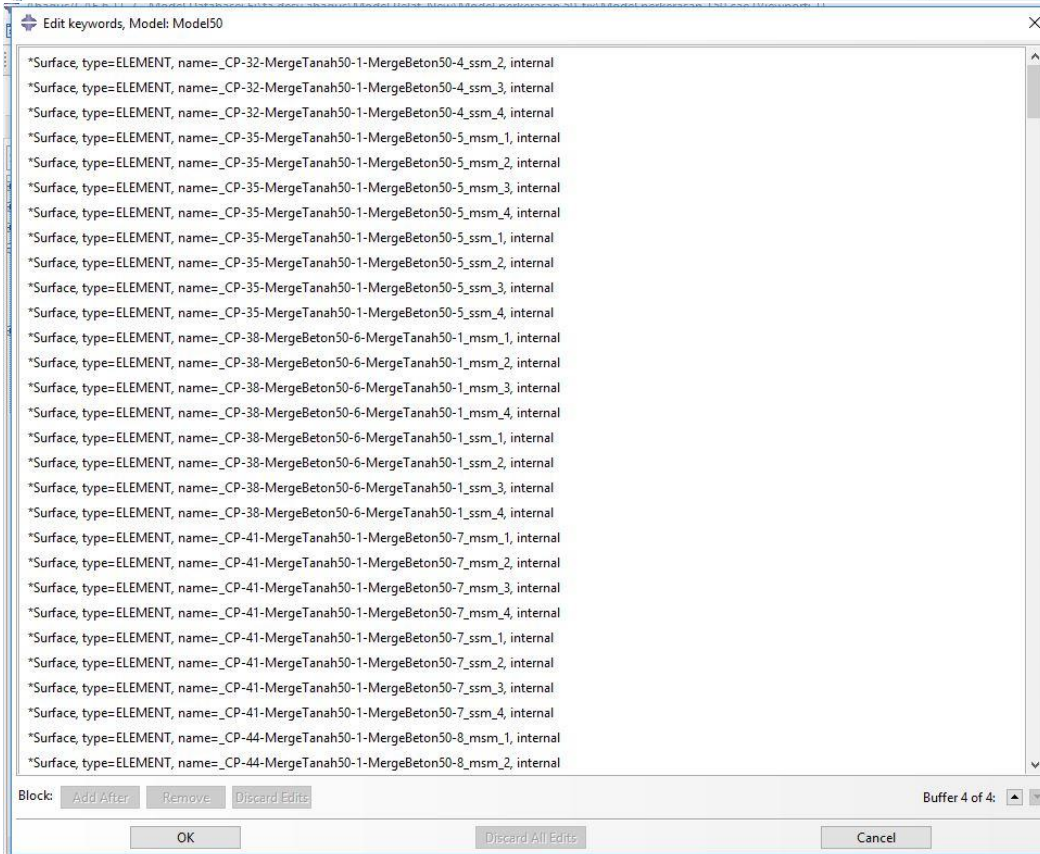
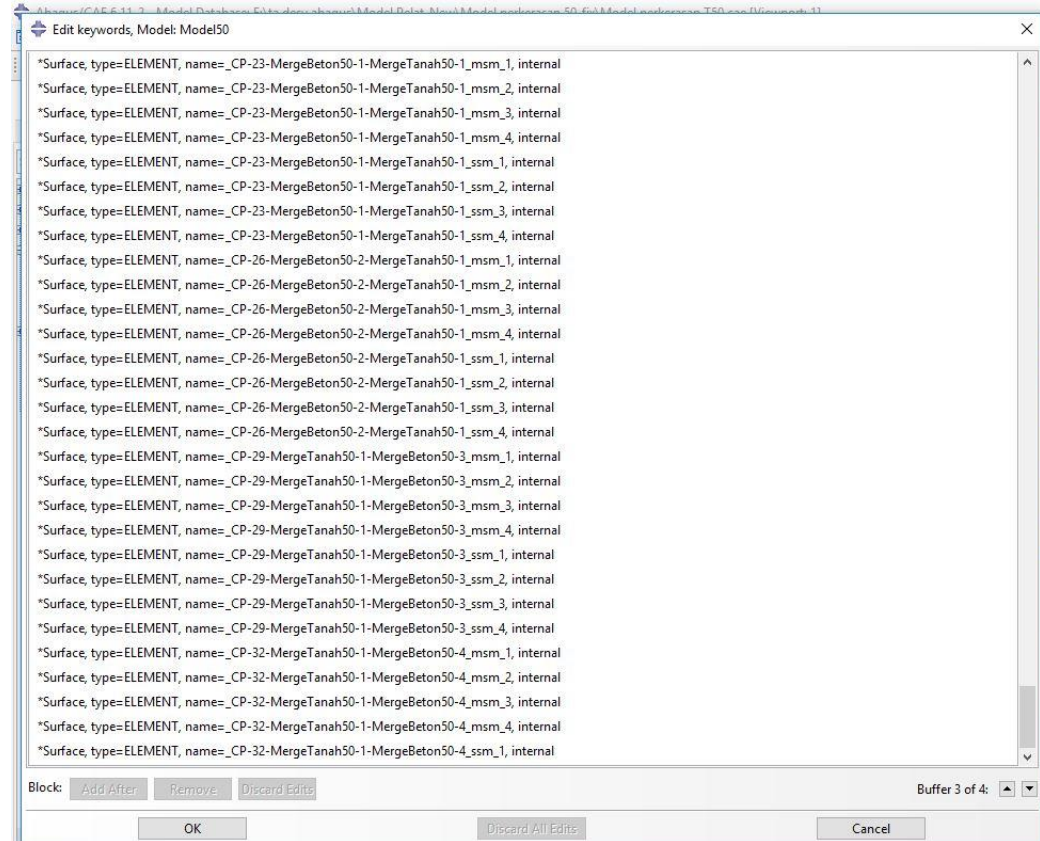


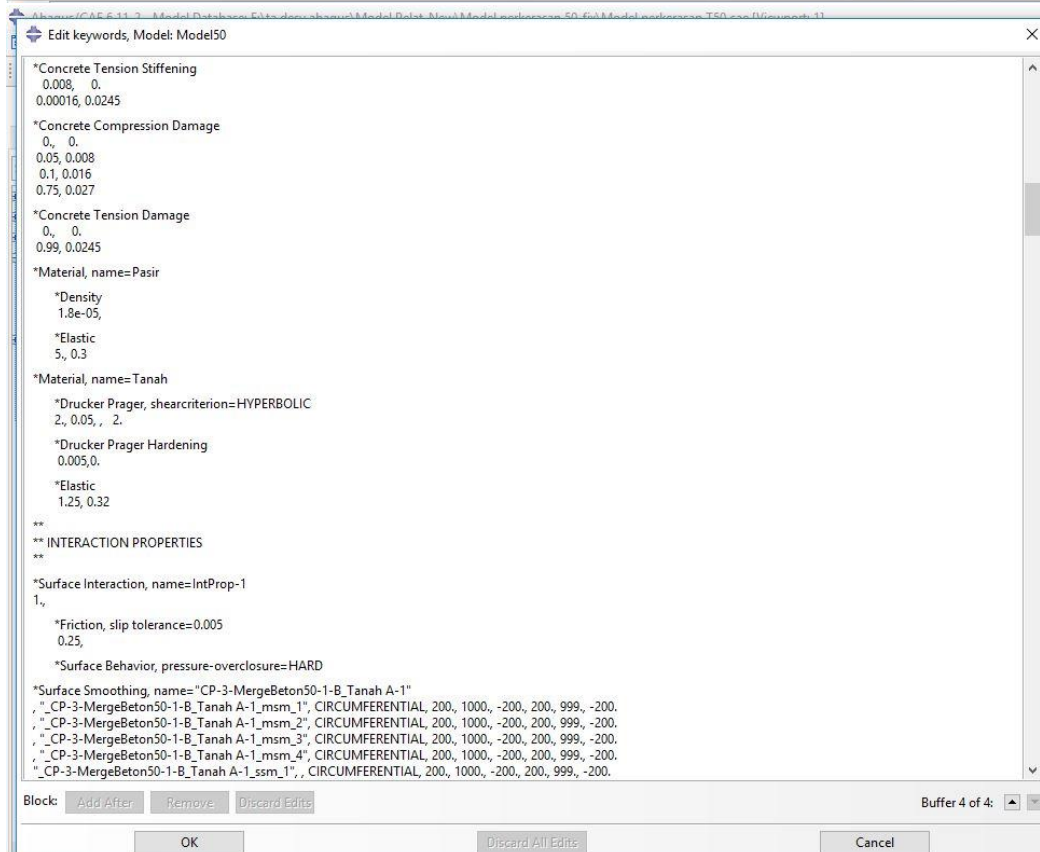
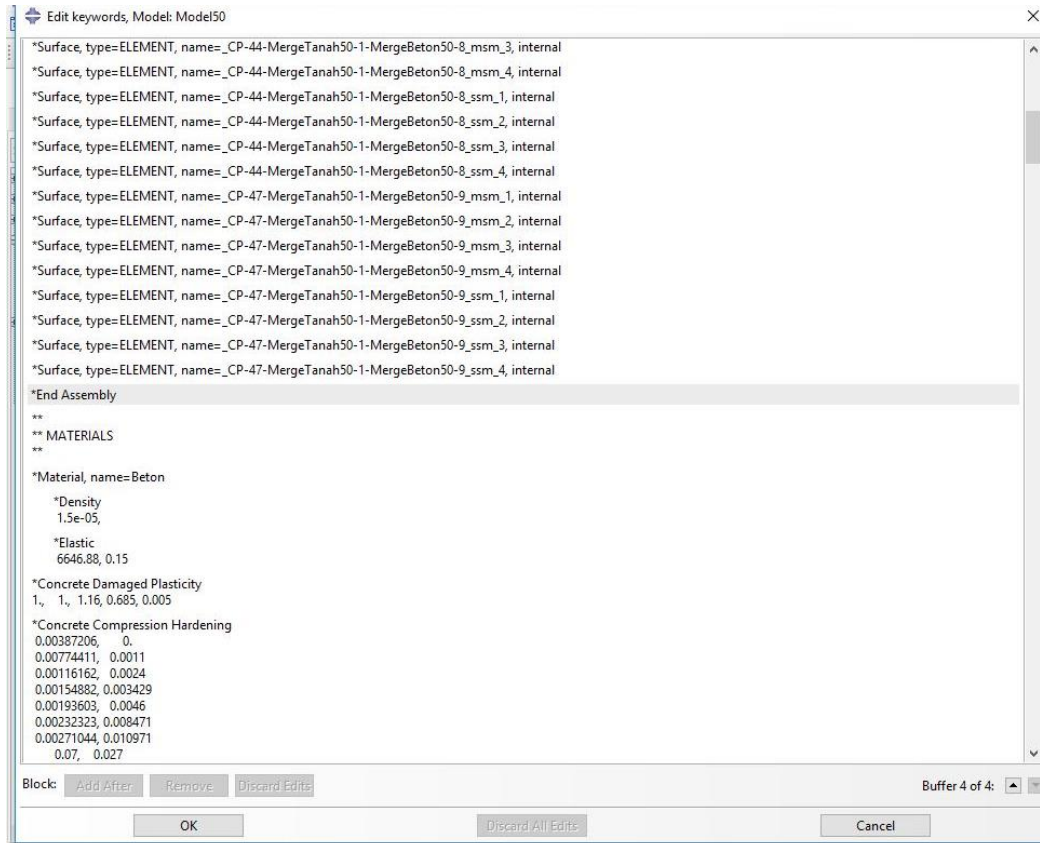




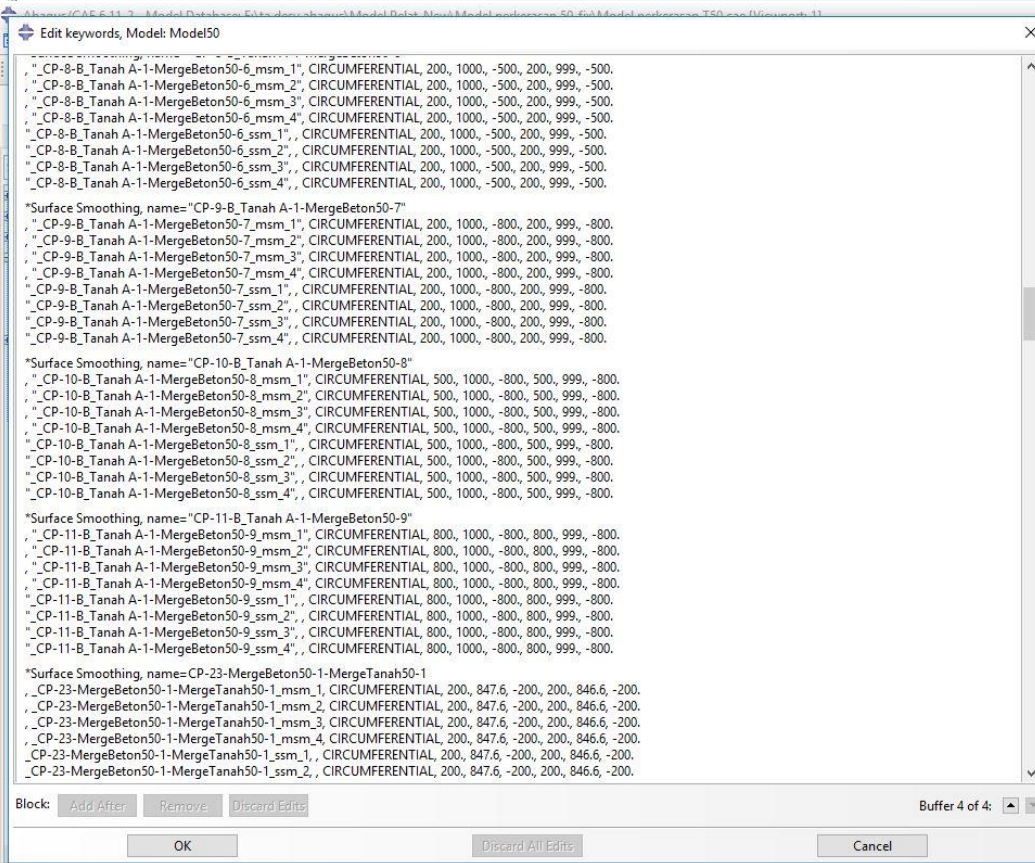
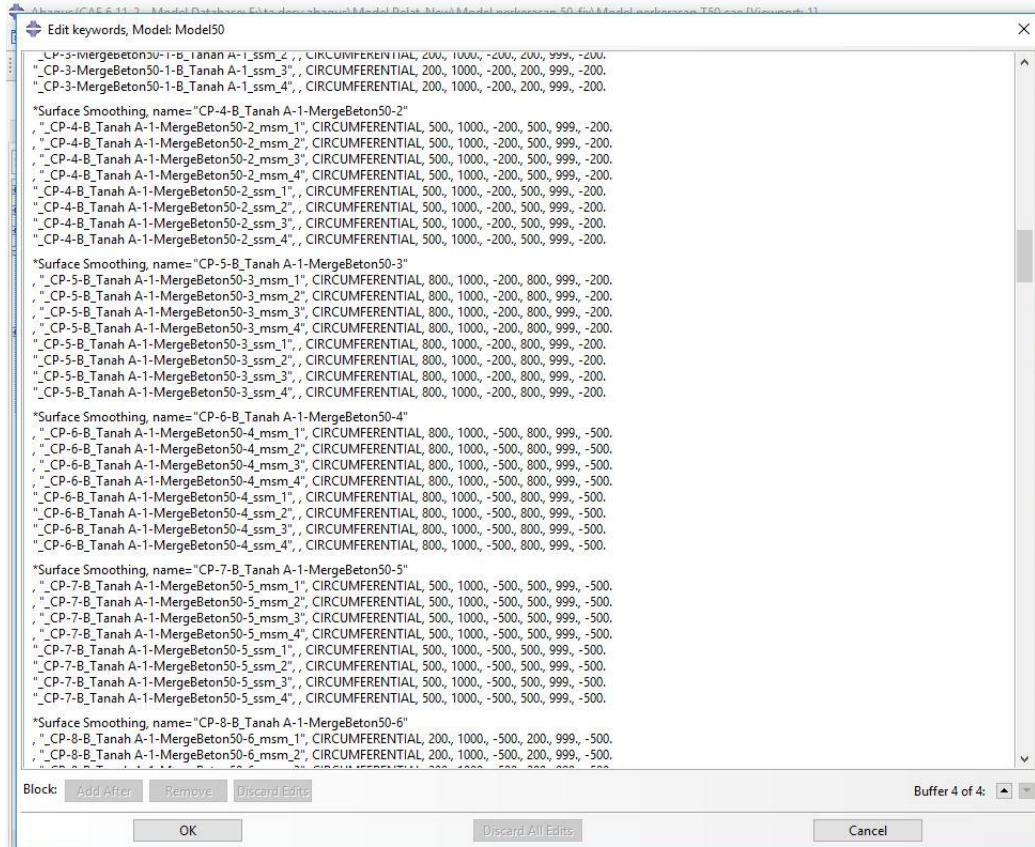












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