

RESULTS

Series 1 - (90,90,150)* 90, 90, 150, 90, 90, 150, 90, 90, 150, ...

Series 2 - (150 150 90)* 150,150, 90, 150, 150, 90, 150, 150, 90 ...

Series 3 - (90,150,90*) 90,150,90,90,90,90

Series 4 - (150 90 150*) 150, 90, 150, 150, 150, 150 ..

* denotes that the program did not get fully executed but needed to be stopped because it took too much time (approximately hours and more)

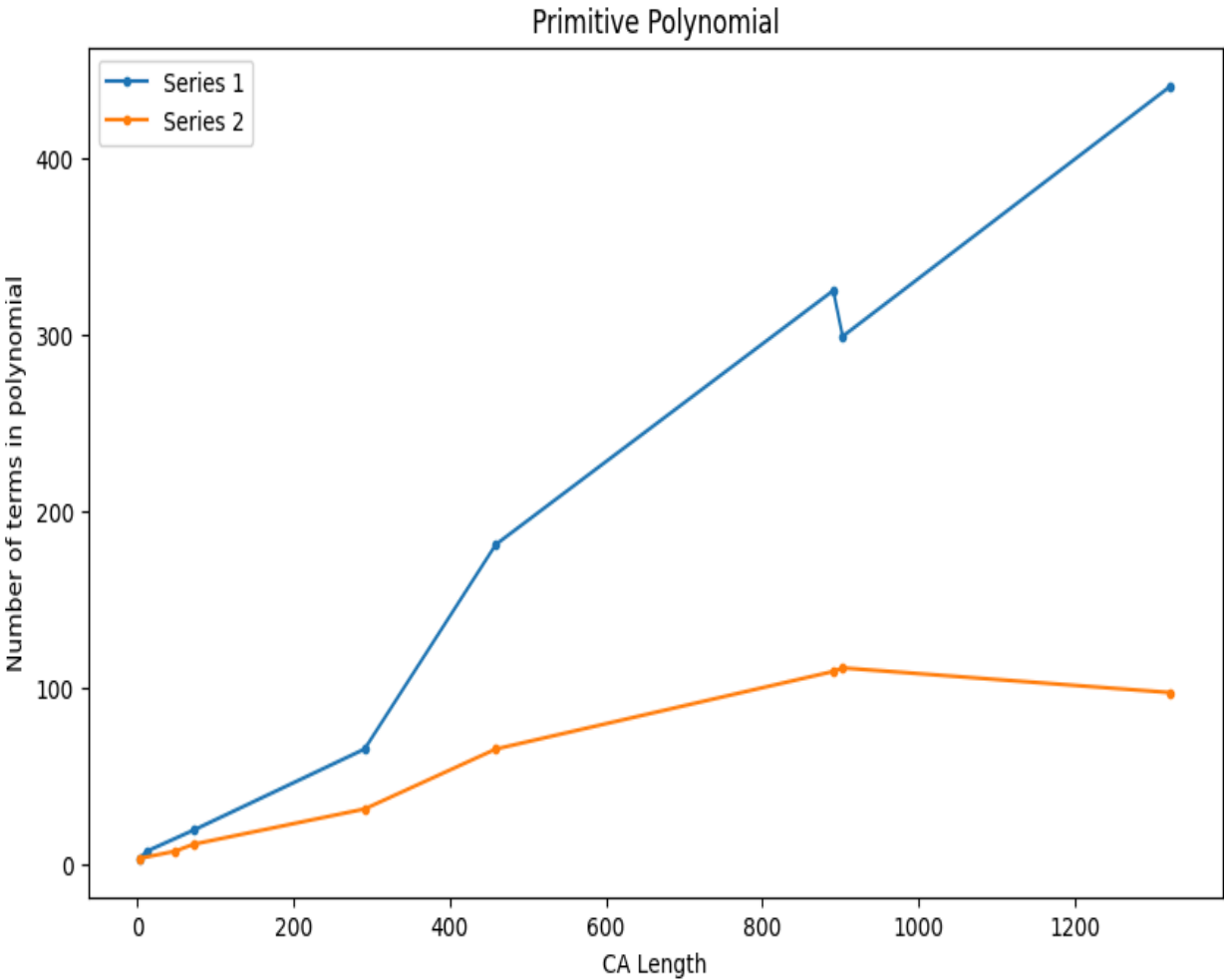
Series Type	CA	Number of terms	Length CA
1(Evaluated up to 2000)	[90,90,150]	3	3
	[90,90,150]*4	7	12
	[90,90,150]*24	19	72
	[90,90,150]*97	65	291
	[90,90,150]*153	181	459
	[90,90,150]*297	325	891
	[90,90,150]*301	299	903
	[90,90,150]*441	441	1323*
2 (Evaluated up to 2000)	[150,150,90]	3	3
	[150,150,90]*16	7	48
	[150,150,90]*24	11	72
	[150,150,90]*97	31	291
	[150,150,90]*153	65	459
	[150,150,90]*297	109	891
	[150,150,90]*301	111	903

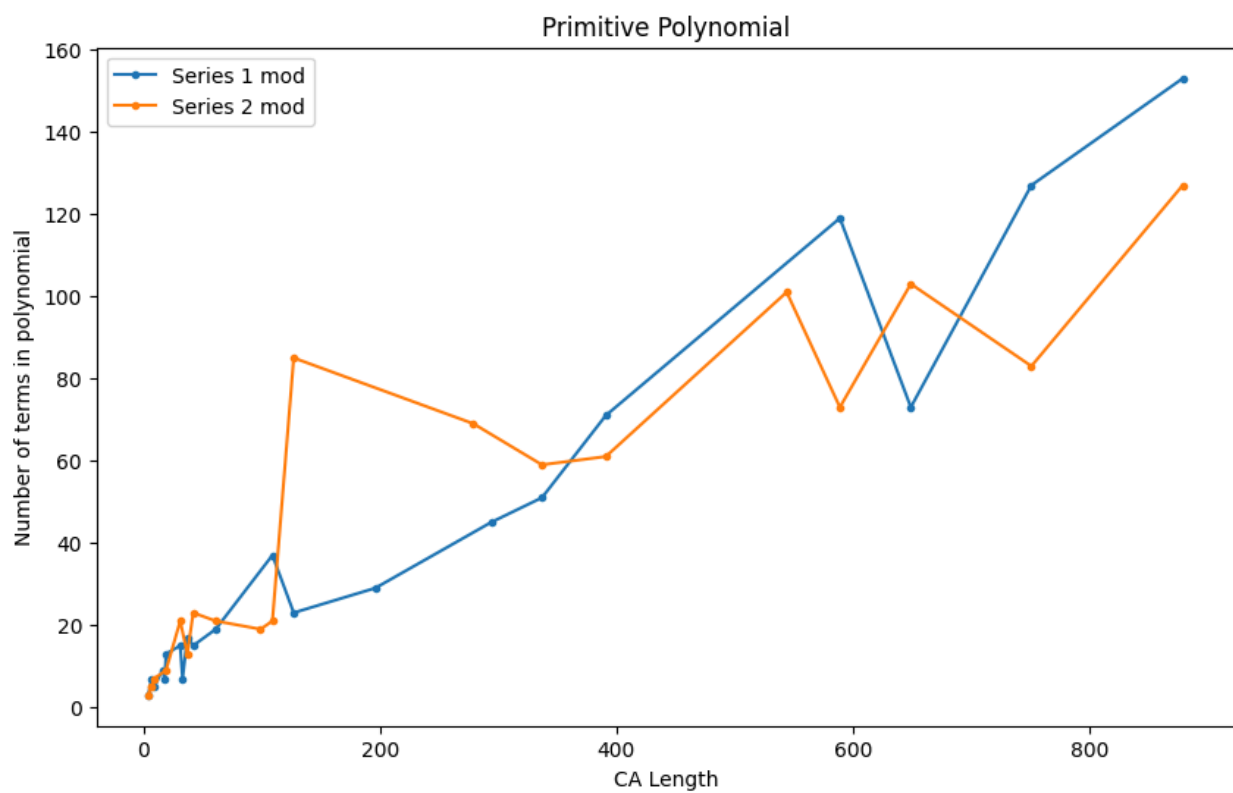
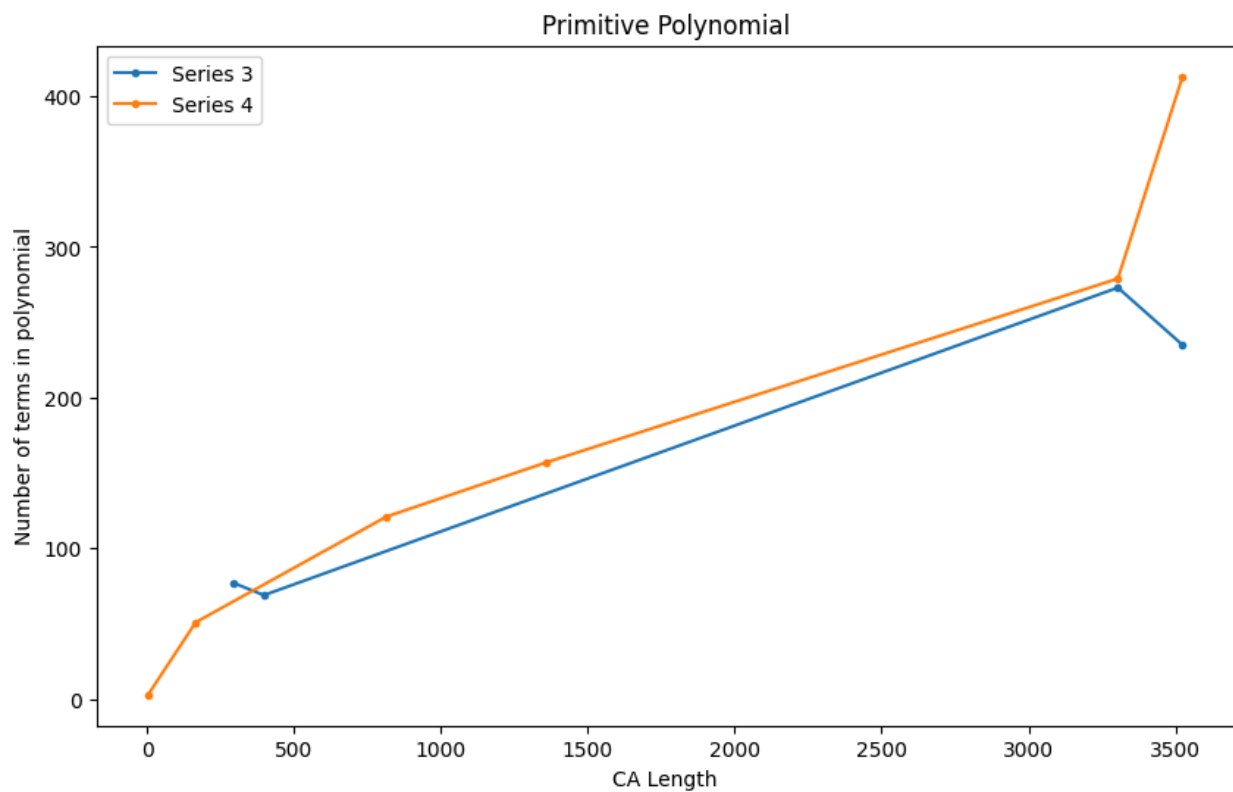
	$[150, 150, 90] * 441$	97	1323*
3 (Evaluated up to 4000)	$[90, 150, 90] + [90] * 293$	77	296
	$[90, 150, 90] + [90] * 395$	69	398
	$[90, 150, 90] + [90] * 3301$	273	3304*
	$[90, 150, 90] + [90] * 3521$	235	3524*
4 (Evaluated upto 4000)	$[150, 90, 150] + [150]$	3	4
	$[150, 90, 150] + [150] * 163$	51	166
	$[150, 90, 150] + [150] * 811$	121	814
	$[150, 90, 150] + [150] * 1355$	157	1358
	$[150, 90, 150] + [150] * 3301$	279	3304*
	$[150, 90, 150] + [150] * 3521$	413	3524*
1 Modified(Evaluated upto 1000)	$[90, 150] + [90] * 1 + [150]$	3	4
	$[90, 150] + [90] * 4 + [150]$	7	7
	$[90, 150] + [90] * 6 + [150]$	5	9
	$[90, 150] + [90] * 13 + [150]$	9	16
	$[90, 150] + [90] * 15 + [150]$	7	18
	$[90, 150] + [90] * 16 + [150]$	13	21
	$[90, 150] + [90] * 28 + [150]$	15	31
	$[90, 150] + [90] * 30 + [150]$	7	33
	$[90, 150] + [90] * 34 + [150]$	17	37
	$[90, 150] + [90] * 39 + [150]$	15	42
	$[90, 150] + [90] * 58 + [150]$	19	61
	$[90, 150] + [90] * 106 + [150]$	37	109

	$[90, 150] + [90] * 124 + [150]$	23	127
	$[90, 150] + [90] * 193 + [150]$	29	196
	$[90, 150] + [90] * 291 + [150]$	45	294
	$[90, 150] + [90] * 334 + [150]$	51	337
	$[90, 150] + [90] * 388 + [150]$	71	391
	$[90, 150] + [90] * 586 + [150]$	119	589
	$[90, 150] + [90] * 646 + [150]$	73	649
	$[90, 150] + [90] * 748 + [150]$	127	751
	$[90, 150] + [90] * 876 + [150]$	153	879
2 Modified(Evaluated up to 1000)	$[150, 90] + [150] * 1 + [90]$	3	4
	$[150, 90] + [150] * 3 + [90]$	5	6
	$[150, 90] + [150] * 4 + [90]$	5	7
	$[150, 90] + [150] * 6 + [90]$	7	9
	$[150, 90] + [150] * 16 + [90]$	9	19
	$[150, 90] + [150] * 28 + [90]$	21	31
	$[150, 90] + [150] * 34 + [90]$	13	37
	$[150, 90] + [150] * 39 + [90]$	23	42
	$[150, 90] + [150] * 58 + [90]$	21	61
	$[150, 90] + [150] * 96 + [90]$	19	99
	$[150, 90] + [150] * 106 + [90]$	21	109
	$[150, 90] + [150] * 124 + [90]$	85	127
	$[150, 90] + [150] * 276 + [90]$	69	279
	$[150, 90] + [150] * 334 + [90]$	59	337
	$[150, 90] + [150] * 388 + [90]$	61	391

	$[150,90]+[150]*541+[90]$	101	544
	$[150,90]+[150]*586+[90]$	73	589
	$[150,90]+[150]*646+[90]$	103	649
	$[150,90]+[150]*748+[90]$	83	751
	$[150,90]+[150]*876+[90]$	127	879

Checked the CA of length between 3500 to 4000 in 45 minutes for series 3





Below is the Polynomial list:

Series 3

./Primpoly.exe -t

$x^{296} + x^{295} + x^{294} + x^{293} + x^{292} + x^{289} + x^{288} + x^{281} + x^{279} + x^{278} + x^{277} + x^{276} + x^{273} + x^{272} + x^{264} + x^{263} + x^{262} + x^{261} + x^{260} + x^{257} + x^{256} + x^{217} + x^{215} + x^{214} + x^{213} + x^{212} + x^{209} + x^{208} + x^{200} + x^{199} + x^{198} + x^{197} + x^{196} + x^{193} + x^{192} + x^{168} + x^{167} + x^{166} + x^{165} + x^{164} + x^{161} + x^{160} + x^{153} + x^{151} + x^{150} + x^{149} + x^{148} + x^{145} + x^{144} + x^{136} + x^{135} + x^{134} + x^{133} + x^{132} + x^{129} + x^{128} + x^{40} + x^{39} + x^{38} + x^{37} + x^{36} + x^{33} + x^{32} + x^{25} + x^{23} + x^{22} + x^{21} + x^{20} + x^{17} + x^{16} + x^8 + x^7 + x^6 + x^5 + x^4 + x + 1$

./Primpoly.exe -t

$x^{398} + x^{397} + x^{396} + x^{395} + x^{393} + x^{392} + x^{387} + x^{385} + x^{384} + x^{371} + x^{369} + x^{368} + x^{366} + x^{365} + x^{364} + x^{363} + x^{361} + x^{360} + x^{355} + x^{353} + x^{352} + x^{334} + x^{333} + x^{332} + x^{331} + x^{329} + x^{328} + x^{323} + x^{321} + x^{320} + x^{270} + x^{269} + x^{268} + x^{267} + x^{265} + x^{264} + x^{259} + x^{257} + x^{256} + x^{115} + x^{113} + x^{112} + x^{110} + x^{109} + x^{108} + x^{107} + x^{105} + x^{104} + x^{99} + x^{97} + x^{96} + x^{78} + x^{77} + x^{76} + x^{75} + x^{73} + x^{72} + x^{67} + x^{65} + x^{64} + x^{14} + x^{13} + x^{12} + x^{11} + x^9 + x^8 + x^3 + x + 1$

./Primpoly.exe -t

$x^{3304} + x^{3303} + x^{3302} + x^{3301} + x^{3300} + x^{3297} + x^{3296} + x^{3289} + x^{3287} + x^{3286} + x^{3285} + x^{3284} + x^{3281} + x^{3280} + x^{3272} + x^{3271} + x^{3270} + x^{3269} + x^{3268} + x^{3265} + x^{3264} + x^{3225} + x^{3223} + x^{3222} + x^{3221} + x^{3220} + x^{3217} + x^{3216} + x^{3208} + x^{3207} + x^{3206} + x^{3205} + x^{3204} + x^{3201} + x^{3200} + x^{3097} + x^{3095} + x^{3094} + x^{3093} + x^{3092} + x^{3089} + x^{3088} + x^{3080} + x^{3079} + x^{3078} + x^{3077} + x^{3076} + x^{3073} + x^{3072} + x^{2841} + x^{2839} + x^{2838} + x^{2837} + x^{2836} + x^{2833} + x^{2832} + x^{2824} + x^{2823} + x^{2822} + x^{2821} + x^{2820} + x^{2817} + x^{2816} + x^{2792} + x^{2791} + x^{2790} + x^{2789} + x^{2788} + x^{2785} + x^{2784} + x^{2777} + x^{2775} + x^{2774} + x^{2773} + x^{2772} + x^{2769} + x^{2768} + x^{2760} + x^{2759} + x^{2758} + x^{2757} + x^{2756} + x^{2753} + x^{2752} + x^{2713} + x^{2711} + x^{2710} + x^{2709} + x^{2708} + x^{2705} + x^{2704} + x^{2696} + x^{2695} + x^{2694} + x^{2693} + x^{2692} + x^{2689} + x^{2688} + x^{2585} + x^{2583} + x^{2582} + x^{2581} + x^{2580} + x^{2577} + x^{2576} + x^{2568} + x^{2567} + x^{2566} + x^{2565} + x^{2564} + x^{2561} + x^{2560} + x^{2280} + x^{2279} + x^{2278} + x^{2277} + x^{2276} + x^{2273} + x^{2272} + x^{2265} + x^{2263} + x^{2262} + x^{2261} + x^{2260} + x^{2257} + x^{2256} + x^{2248} + x^{2247} + x^{2246} + x^{2245} + x^{2244} + x^{2241} + x^{2240} + x^{2201} + x^{2199} + x^{2198} + x^{2197} + x^{2196} + x^{2193} + x^{2192} + x^{2184} + x^{2183} + x^{2182} + x^{2181} + x^{2180} + x^{2177} + x^{2176} + x^{2073} + x^{2071} + x^{2070} + x^{2069} + x^{2068} + x^{2065} + x^{2064} + x^{2056} + x^{2055} + x^{2054} + x^{2053} + x^{2052} + x^{2049} + x^{2048} + x^{793} + x^{791} + x^{790} + x^{789} + x^{788} + x^{785} + x^{784} + x^{776} + x^{775} + x^{774} + x^{773} + x^{772} + x^{769} + x^{768} + x^{744} + x^{743} + x^{742} + x^{741} + x^{740} + x^{737} + x^{736} + x^{729} + x^{727} + x^{726} + x^{725} + x^{724} + x^{721} + x^{720} + x^{712} + x^{711} + x^{710} + x^{709} + x^{708} + x^{705} + x^{704} + x^{665} + x^{663} + x^{662} + x^{661} + x^{660} + x^{657} + x^{656} + x^{648} + x^{647} + x^{646} + x^{645} + x^{644} + x^{641} + x^{640} + x^{537} + x^{535} + x^{534} + x^{533} + x^{532} + x^{529} + x^{528} + x^{520} + x^{519} + x^{518} + x^{517} + x^{516} + x^{513} + x^{512} + x^{232} + x^{231} + x^{230} + x^{229} + x^{228} + x^{225} + x^{224} + x^{217} + x^{215} + x^{214} + x^{213} + x^{212} + x^{209} + x^{208} + x^{200} + x^{199} + x^{198} + x^{197} + x^{196} + x^{193} + x^{192} + x^{153} + x^{151} + x^{150}$

$x^{149}+x^{148}+x^{145}+x^{144}+x^{136}+x^{135}+x^{134}+x^{133}+x^{132}+x^{129}+x^{128}+x^{25}+x^{23}+x^{22}+x^{21}+x^{20}+x^{17}+x^{16}+x^8+x^7+x^6+x^5+x^4+x+1$ 2

./Primpoly.exe -t

$x^{3524}+x^{3523}+x^{3522}+x^{3521}+x^{3520}+x^{3517}+x^{3515}+x^{3514}+x^{3513}+x^{3512}+x^{3508}+x^{3507}+x^{3506}+x^{3505}+x^{3504}+x^{3492}+x^{3491}+x^{3490}+x^{3489}+x^{3488}+x^{3460}+x^{3459}+x^{3458}+x^{3457}+x^{3456}+x^{3389}+x^{3387}+x^{3386}+x^{3385}+x^{3384}+x^{3380}+x^{3379}+x^{3378}+x^{3377}+x^{3376}+x^{3364}+x^{3363}+x^{3362}+x^{3361}+x^{3360}+x^{3332}+x^{3331}+x^{3330}+x^{3329}+x^{3328}+x^{3133}+x^{3131}+x^{3130}+x^{3129}+x^{3128}+x^{3124}+x^{3123}+x^{3122}+x^{3121}+x^{3120}+x^{3108}+x^{3107}+x^{3106}+x^{3105}+x^{3104}+x^{3076}+x^{3075}+x^{3074}+x^{3073}+x^{3072}+x^{2621}+x^{2619}+x^{2618}+x^{2617}+x^{2616}+x^{2612}+x^{2611}+x^{2610}+x^{2609}+x^{2608}+x^{2596}+x^{2595}+x^{2594}+x^{2593}+x^{2592}+x^{2564}+x^{2563}+x^{2562}+x^{2561}+x^{2560}+x^{2500}+x^{2499}+x^{2498}+x^{2497}+x^{2496}+x^{2493}+x^{2491}+x^{2490}+x^{2489}+x^{2488}+x^{2484}+x^{2483}+x^{2482}+x^{2481}+x^{2480}+x^{2468}+x^{2467}+x^{2466}+x^{2465}+x^{2464}+x^{2436}+x^{2435}+x^{2434}+x^{2433}+x^{2432}+x^{2365}+x^{2363}+x^{2362}+x^{2361}+x^{2360}+x^{2356}+x^{2355}+x^{2354}+x^{2353}+x^{2352}+x^{2340}+x^{2339}+x^{2338}+x^{2337}+x^{2336}+x^{2308}+x^{2307}+x^{2306}+x^{2305}+x^{2304}+x^{2109}+x^{2107}+x^{2106}+x^{2105}+x^{2104}+x^{2100}+x^{2099}+x^{2098}+x^{2097}+x^{2096}+x^{2084}+x^{2083}+x^{2082}+x^{2081}+x^{2080}+x^{2052}+x^{2051}+x^{2050}+x^{2049}+x^{2048}+x^{573}+x^{571}+x^{570}+x^{569}+x^{568}+x^{564}+x^{563}+x^{562}+x^{561}+x^{560}+x^{548}+x^{547}+x^{546}+x^{545}+x^{544}+x^{516}+x^{515}+x^{514}+x^{513}+x^{512}+x^{452}+x^{451}+x^{450}+x^{449}+x^{448}+x^{445}+x^{443}+x^{442}+x^{441}+x^{440}+x^{436}+x^{435}+x^{434}+x^{433}+x^{432}+x^{420}+x^{419}+x^{418}+x^{417}+x^{416}+x^{388}+x^{387}+x^{386}+x^{385}+x^{384}+x^{317}+x^{315}+x^{314}+x^{313}+x^{312}+x^{308}+x^{307}+x^{306}+x^{305}+x^{304}+x^{292}+x^{291}+x^{290}+x^{289}+x^{288}+x^{260}+x^{259}+x^{258}+x^{257}+x^{256}+x^{61}+x^{59}+x^{58}+x^{57}+x^{56}+x^{52}+x^{51}+x^{50}+x^{49}+x^{48}+x^{36}+x^{35}+x^{34}+x^{33}+x^{32}+x^4+x^3+x^2+x+1$ 2

Series 1

./Primpoly.exe -t x^3+x^2+1 2

./Primpoly.exe -t $x^{12}+x^{10}+x^9+x^8+x^6+x+1$ 2

./Primpoly.exe -t

$x^{72}+x^{70}+x^{69}+x^{65}+x^{60}+x^{56}+x^{52}+x^{44}+x^{40}+x^{36}+x^{28}+x^{24}+x^{22}+x^{21}+x^{20}+x^{17}+x^{16}+x^8+1$ 2

./Primpoly.exe -t

$x^{291}+x^{290}+x^{288}+x^{283}+x^{281}+x^{279}+x^{278}+x^{276}+x^{274}+x^{273}+x^{272}+x^{266}+x^{265}+x^{264}+x^{263}+x^{262}+x^{260}+x^{258}+x^{257}+x^{256}+x^{243}+x^{242}+x^{240}+x^{227}+x^{226}+x^{224}+x^{211}+x^{210}+x^{208}+x^{179}+x^{178}+x^{176}+x^{163}+x^{162}+x^{160}+x^{147}+x^{146}+x^{144}+x^{115}+x^{114}+x^{112}+x^{99}+x^{98}+x^{96}+x^{91}+x^{89}+x^{87}+x^{86}+x^{84}+x^{83}+x^{81}+x^{74}+x^{73}+x^{72}+x^{71}+x^{70}+x^{68}+x^{67}+x^{65}+x^{35}+x^{34}+x^{32}+x^3+x^2+1$ 2

./Primpoly.exe -t

$x^{459}+x^{458}+x^{456}+x^{450}+x^{449}+x^{448}+x^{447}+x^{446}+x^{444}+x^{443}+x^{442}+x^{440}+x^{439}+x$

$x^{438}+x^{436}+x^{431}+x^{430}+x^{428}+x^{427}+x^{426}+x^{424}+x^{423}+x^{422}+x^{420}+x^{415}+x^{414}+x^{412}+x^{411}+x^{410}+x^{408}+x^{407}+x^{406}+x^{404}+x^{403}+x^{401}+x^{395}+x^{394}+x^{392}+x^{387}+x^{386}+x^{384}+x^{331}+x^{330}+x^{328}+x^{322}+x^{321}+x^{320}+x^{319}+x^{318}+x^{316}+x^{315}+x^{314}+x^{312}+x^{311}+x^{310}+x^{308}+x^{307}+x^{305}+x^{291}+x^{289}+x^{287}+x^{286}+x^{284}+x^{283}+x^{282}+x^{280}+x^{279}+x^{278}+x^{276}+x^{271}+x^{270}+x^{268}+x^{267}+x^{266}+x^{264}+x^{263}+x^{262}+x^{260}+x^{255}+x^{254}+x^{252}+x^{251}+x^{250}+x^{248}+x^{247}+x^{246}+x^{244}+x^{239}+x^{238}+x^{236}+x^{235}+x^{234}+x^{232}+x^{231}+x^{230}+x^{228}+x^{223}+x^{222}+x^{220}+x^{219}+x^{218}+x^{216}+x^{215}+x^{214}+x^{212}+x^{211}+x^{209}+x^{203}+x^{202}+x^{200}+x^{195}+x^{194}+x^{192}+x^{139}+x^{138}+x^{136}+x^{130}+x^{129}+x^{128}+x^{127}+x^{126}+x^{124}+x^{123}+x^{122}+x^{120}+x^{119}+x^{118}+x^{116}+x^{111}+x^{110}+x^{108}+x^{107}+x^{106}+x^{104}+x^{103}+x^{102}+x^{100}+x^{95}+x^{94}+x^{92}+x^{91}+x^{90}+x^{88}+x^{87}+x^{86}+x^{84}+x^{83}+x^{81}+x^{67}+x^{65}+x^{63}+x^{62}+x^{60}+x^{59}+x^{58}+x^{56}+x^{55}+x^{54}+x^{52}+x^{51}+x^{49}+x^{35}+x^{33}+x^{31}+x^{30}+x^{28}+x^{27}+x^{26}+x^{24}+x^{23}+x^{22}+x^{20}+x^{15}+x^{14}+x^{12}+x^7+x^6+x^4+x^2+x+1$

./Primpoly.exe -t

$x^{891}+x^{890}+x^{888}+x^{882}+x^{881}+x^{880}+x^{879}+x^{878}+x^{876}+x^{871}+x^{870}+x^{868}+x^{866}+x^{865}+x^{864}+x^{859}+x^{858}+x^{856}+x^{850}+x^{849}+x^{848}+x^{847}+x^{846}+x^{844}+x^{839}+x^{838}+x^{836}+x^{835}+x^{834}+x^{832}+x^{831}+x^{830}+x^{828}+x^{823}+x^{822}+x^{820}+x^{818}+x^{817}+x^{816}+x^{811}+x^{810}+x^{808}+x^{802}+x^{801}+x^{800}+x^{799}+x^{798}+x^{796}+x^{795}+x^{794}+x^{792}+x^{791}+x^{790}+x^{788}+x^{783}+x^{782}+x^{780}+x^{779}+x^{778}+x^{776}+x^{775}+x^{774}+x^{772}+x^{771}+x^{769}+x^{643}+x^{641}+x^{639}+x^{638}+x^{636}+x^{631}+x^{630}+x^{628}+x^{626}+x^{625}+x^{624}+x^{619}+x^{618}+x^{616}+x^{610}+x^{609}+x^{608}+x^{607}+x^{606}+x^{604}+x^{603}+x^{602}+x^{600}+x^{599}+x^{598}+x^{596}+x^{591}+x^{590}+x^{588}+x^{587}+x^{586}+x^{584}+x^{583}+x^{582}+x^{580}+x^{579}+x^{577}+x^{571}+x^{570}+x^{568}+x^{562}+x^{561}+x^{560}+x^{559}+x^{558}+x^{556}+x^{551}+x^{550}+x^{548}+x^{546}+x^{545}+x^{544}+x^{539}+x^{538}+x^{536}+x^{530}+x^{529}+x^{528}+x^{527}+x^{526}+x^{524}+x^{519}+x^{518}+x^{516}+x^{514}+x^{513}+x^{512}+x^{507}+x^{506}+x^{504}+x^{498}+x^{497}+x^{496}+x^{495}+x^{494}+x^{492}+x^{487}+x^{486}+x^{484}+x^{482}+x^{481}+x^{480}+x^{475}+x^{474}+x^{472}+x^{466}+x^{465}+x^{464}+x^{463}+x^{462}+x^{460}+x^{455}+x^{454}+x^{452}+x^{451}+x^{450}+x^{448}+x^{447}+x^{446}+x^{444}+x^{439}+x^{438}+x^{436}+x^{434}+x^{433}+x^{432}+x^{427}+x^{426}+x^{424}+x^{418}+x^{417}+x^{416}+x^{415}+x^{414}+x^{412}+x^{411}+x^{410}+x^{408}+x^{407}+x^{406}+x^{404}+x^{399}+x^{398}+x^{396}+x^{395}+x^{394}+x^{392}+x^{391}+x^{390}+x^{388}+x^{387}+x^{385}+x^{251}+x^{250}+x^{248}+x^{242}+x^{241}+x^{240}+x^{239}+x^{238}+x^{236}+x^{231}+x^{230}+x^{228}+x^{226}+x^{225}+x^{224}+x^{219}+x^{218}+x^{216}+x^{210}+x^{209}+x^{208}+x^{207}+x^{206}+x^{204}+x^{199}+x^{198}+x^{196}+x^{195}+x^{194}+x^{192}+x^{191}+x^{190}+x^{188}+x^{183}+x^{182}+x^{180}+x^{178}+x^{177}+x^{176}+x^{171}+x^{170}+x^{168}+x^{162}+x^{161}+x^{160}+x^{159}+x^{158}+x^{156}+x^{155}+x^{154}+x^{152}+x^{151}+x^{150}+x^{148}+x^{143}+x^{142}+x^{140}+x^{139}+x^{138}+x^{136}+x^{135}+x^{134}+x^{132}+x^{127}+x^{126}+x^{124}+x^{119}+x^{118}+x^{116}+x^{114}+x^{113}+x^{112}+x^{107}+x^{106}+x^{104}+x^{98}+x^{97}+x^{96}+x^{95}+x^{94}+x^{92}+x^{91}+x^{90}+x^{88}+x^{87}+x^{86}+x^{84}+x^{79}+x^{78}+x^{76}+x^{75}+x^{74}+x^{72}+x^{71}+x^{70}+x^{68}+x^{67}+x^{65}+x^{59}+x^{58}+x^{56}+x^{50}+x^{49}+x^{48}+x^{47}+x^{46}+x^{44}+x^{39}+x^{38}+x^{36}+x^{34}+x^{33}+x^{32}+x^{27}+x^{26}+x^{24}+x^{18}+x^{17}+x^{16}+x^{15}+x^{14}+x^{12}+x^7+x^6+x^4+x^2+x+1$

./Primpoly.exe -t

$x^{903}+x^{902}+x^{900}+x^{899}+x^{898}+x^{896}+x^{895}+x^{893}+x^{890}+x^{889}+x^{888}+x^{887}+x^{885}+x^{882}+x^{881}+x^{880}+x^{879}+x^{877}+x^{874}+x^{873}+x^{872}+x^{863}+x^{861}+x^{858}+x^{857}+x^{856}+x^{855}+x^{853}+x^{850}+x^{849}+x^{848}+x^{847}+x^{845}+x^{842}+x^{841}+x^{840}+x^{831}+x^{829}+x^{826}+x^{88}$

25+x^824+x^815+x^813+x^810+x^809+x^808+x^806+x^805+x^804+x^803+x^801+x^791+x^789+x^786+x^785+x^784+x^775+x^773+x^770+x^769+x^768+x^647+x^646+x^644+x^643+x^642+x^640+x^639+x^637+x^634+x^633+x^632+x^623+x^621+x^618+x^617+x^616+x^614+x^613+x^612+x^611+x^609+x^599+x^597+x^594+x^593+x^592+x^582+x^581+x^580+x^579+x^577+x^575+x^573+x^570+x^569+x^568+x^567+x^565+x^562+x^561+x^560+x^559+x^557+x^554+x^553+x^552+x^543+x^541+x^538+x^537+x^536+x^535+x^533+x^530+x^529+x^528+x^527+x^525+x^522+x^521+x^520+x^511+x^509+x^506+x^505+x^504+x^503+x^501+x^498+x^497+x^496+x^495+x^493+x^490+x^489+x^488+x^479+x^477+x^474+x^473+x^472+x^471+x^469+x^466+x^465+x^464+x^463+x^461+x^458+x^457+x^456+x^447+x^445+x^442+x^441+x^440+x^431+x^429+x^426+x^425+x^424+x^422+x^421+x^420+x^419+x^417+x^407+x^405+x^402+x^401+x^400+x^391+x^389+x^386+x^385+x^384+x^263+x^262+x^260+x^259+x^258+x^256+x^255+x^253+x^250+x^249+x^248+x^247+x^245+x^242+x^241+x^240+x^239+x^237+x^234+x^233+x^232+x^223+x^221+x^218+x^217+x^216+x^215+x^213+x^210+x^209+x^208+x^207+x^205+x^202+x^201+x^200+x^191+x^189+x^186+x^185+x^184+x^175+x^173+x^170+x^169+x^168+x^166+x^165+x^164+x^163+x^161+x^151+x^149+x^146+x^145+x^144+x^134+x^133+x^132+x^131+x^129+x^127+x^125+x^122+x^121+x^120+x^111+x^109+x^106+x^105+x^104+x^102+x^101+x^100+x^99+x^97+x^87+x^85+x^82+x^81+x^80+x^70+x^69+x^68+x^67+x^65+x^63+x^61+x^58+x^57+x^56+x^55+x^53+x^50+x^49+x^48+x^47+x^45+x^42+x^41+x^40+x^31+x^29+x^26+x^25+x^24+x^23+x^21+x^18+x^17+x^16+x^15+x^13+x^10+x^9+x^8+x^7+x^6+x^4+x^3+x^2+1 2

./Primpoly.exe -t

x^1323+x^1322+x^1320+x^1314+x^1313+x^1312+x^1311+x^1310+x^1308+x^1307+x^1306+x^1304+x^1303+x^1302+x^1300+x^1295+x^1294+x^1292+x^1287+x^1286+x^1284+x^1282+x^1281+x^1280+x^1267+x^1265+x^1263+x^1262+x^1260+x^1259+x^1258+x^1256+x^1255+x^1254+x^1252+x^1251+x^1249+x^1235+x^1233+x^1231+x^1230+x^1228+x^1227+x^1226+x^1224+x^1223+x^1222+x^1220+x^1219+x^1217+x^1203+x^1201+x^1199+x^1198+x^1196+x^1195+x^1194+x^1192+x^1191+x^1190+x^1188+x^1187+x^1185+x^1139+x^1137+x^1135+x^1134+x^1132+x^1131+x^1130+x^1128+x^1127+x^1126+x^1124+x^1123+x^1121+x^1107+x^1105+x^1103+x^1102+x^1100+x^1099+x^1098+x^1096+x^1095+x^1094+x^1092+x^1091+x^1089+x^1075+x^1073+x^1071+x^1070+x^1068+x^1063+x^1062+x^1060+x^1059+x^1058+x^1056+x^1055+x^1054+x^1052+x^1051+x^1050+x^1048+x^1047+x^1046+x^1044+x^1039+x^1038+x^1036+x^1031+x^1030+x^1028+x^1026+x^1025+x^1024+x^979+x^977+x^975+x^974+x^972+x^971+x^970+x^968+x^967+x^966+x^964+x^963+x^961+x^939+x^938+x^936+x^930+x^929+x^928+x^927+x^926+x^924+x^923+x^922+x^920+x^919+x^918+x^916+x^915+x^913+x^907+x^906+x^904+x^899+x^898+x^896+x^883+x^881+x^879+x^878+x^876+x^875+x^874+x^872+x^871+x^870+x^868+x^867+x^865+x^819+x^817+x^815+x^814+x^812+x^807+x^806+x^804+x^803+x^802+x^800+x^799+x^798+x^796+x^795+x^794+x^792+x^791+x^790+x^788+x^787+x^785+x^779+x^778+x^776+x^771+x^770+x^768+x^723+x^721+x^719+x^718+x^716+x^715+x^714+x^712+x^711+x^710+x^708+x^707+x^705+x^683+x^682+x^680+x^674+x^673+x^672+x^671+x^670+x^668+x^667+x^666+x^664+x^663+x^662+x^660+x^659+x^657+x^651+x^650+x^648+x^643+x^642+x^640+x^627+x^625+x^623+x^622+x^620+x^619+x^618+x^616+x^615+x^614+x^612+x^611+x^609+x^563+x^561+x^559+x^558+x^556+x^551+x^550+x^548+x^547+x^546+x^544+x^543+x^542+x^540+x^539+x^538+x^536+x^535+x^534+x^532+x^531+x^529+x^523+x^522+x^520+x^515+x^514+x^512+x^467+x^465+x^463+x^462+x^460+x^459+x^458+x^456+x^455+x^454+x^45

$2+x^{451}+x^{449}+x^{427}+x^{426}+x^{424}+x^{418}+x^{417}+x^{416}+x^{415}+x^{414}+x^{412}+x^{411}+x^{410}$
 $+x^{408}+x^{407}+x^{406}+x^{404}+x^{403}+x^{401}+x^{395}+x^{394}+x^{392}+x^{387}+x^{386}+x^{384}+x^{371}+$
 $x^{369}+x^{367}+x^{366}+x^{364}+x^{363}+x^{362}+x^{360}+x^{359}+x^{358}+x^{356}+x^{355}+x^{353}+x^{307}+x$
 $^{305}+x^{303}+x^{302}+x^{300}+x^{299}+x^{298}+x^{296}+x^{295}+x^{294}+x^{292}+x^{291}+x^{289}+x^{275}+x^{273}+$
 $x^{271}+x^{270}+x^{268}+x^{267}+x^{266}+x^{264}+x^{263}+x^{262}+x^{260}+x^{259}+x^{257}+x^{243}+x^{241}+$
 $x^{239}+x^{238}+x^{236}+x^{235}+x^{234}+x^{232}+x^{231}+x^{230}+x^{228}+x^{227}+x^{225}+x^{211}+x^{209}+$
 $x^{207}+x^{206}+x^{204}+x^{203}+x^{202}+x^{200}+x^{199}+x^{198}+x^{196}+x^{195}+x^{193}+x^{179}+x^{177}+$
 $+x^{175}+x^{174}+x^{172}+x^{171}+x^{170}+x^{168}+x^{167}+x^{166}+x^{164}+x^{163}+x^{161}+x^{115}+x^{113}+$
 $x^{111}+x^{110}+x^{108}+x^{107}+x^{106}+x^{104}+x^{103}+x^{102}+x^{100}+x^{99}+x^{97}+x^{83}+x^{81}+x^{79}+$
 $x^{78}+x^{76}+x^{75}+x^{74}+x^{72}+x^{71}+x^{70}+x^{68}+x^{67}+x^{65}+x^{51}+x^{49}+x^{47}+x^{46}+x^{44}+x^{39}$
 $+x^{38}+x^{36}+x^{35}+x^{34}+x^{32}+x^{31}+x^{30}+x^{28}+x^{27}+x^{26}+x^{24}+x^{23}+x^{22}+x^{20}+x^{15}+x^{14}+$
 $x^{12}+x^7+x^6+x^4+x^2+x+1$

Series 2

`./Primpoly.exe -t x^3+x+1`

`./Primpoly.exe -t $x^{48}+x^{46}+x^{45}+x^{42}+x^{36}+x^{24}+1$`

`./Primpoly.exe -t $x^{72}+x^{70}+x^{69}+x^{66}+x^{60}+x^{48}+x^{22}+x^{21}+x^{18}+x^{12}+1$`

`./Primpoly.exe -t $x^{291}+x^{289}+x^{288}+x^{283}+x^{282}+x^{279}+x^{277}+x^{276}+x^{267}+x^{265}+x^{264}+x^{243}+x^{241}+x^{240}+x^{195}+x^{193}+x^{192}+x^{91}+x^{90}+x^{87}+x^{85}+x^{84}+x^{75}+x^{73}+x^{72}+x^{51}+x^{49}+x^{48}+x^3+x+1$`

`./Primpoly.exe -t $x^{459}+x^{457}+x^{456}+x^{451}+x^{450}+x^{447}+x^{445}+x^{444}+x^{435}+x^{433}+x^{432}+x^{403}+x^{402}+x^{399}+x^{397}+x^{396}+x^{387}+x^{385}+x^{384}+x^{307}+x^{306}+x^{303}+x^{301}+x^{300}+x^{291}+x^{289}+x^{288}+x^{267}+x^{265}+x^{264}+x^{259}+x^{258}+x^{255}+x^{253}+x^{252}+x^{243}+x^{241}+x^{240}+x^{211}+x^{210}+x^{207}+x^{205}+x^{204}+x^{195}+x^{193}+x^{192}+x^{75}+x^{73}+x^{72}+x^{67}+x^{66}+x^{63}+x^{61}+x^{60}+x^{51}+x^{49}+x^{48}+x^{19}+x^{18}+x^{15}+x^{13}+x^{12}+x^3+x+1$`

`./Primpoly.exe -t $x^{891}+x^{889}+x^{888}+x^{883}+x^{882}+x^{879}+x^{877}+x^{876}+x^{867}+x^{865}+x^{864}+x^{835}+x^{834}+x^{831}+x^{829}+x^{828}+x^{819}+x^{817}+x^{816}+x^{795}+x^{793}+x^{792}+x^{787}+x^{786}+x^{783}+x^{781}+x^{780}+x^{771}+x^{769}+x^{768}+x^{643}+x^{642}+x^{639}+x^{637}+x^{636}+x^{627}+x^{625}+x^{624}+x^{603}+x^{601}+x^{600}+x^{595}+x^{594}+x^{591}+x^{589}+x^{588}+x^{579}+x^{577}+x^{576}+x^{507}+x^{505}+x^{504}+x^{499}+x^{498}+x^{495}+x^{493}+x^{492}+x^{483}+x^{481}+x^{480}+x^{451}+x^{450}+x^{447}+x^{445}+x^{444}+x^{435}+x^{433}+x^{432}+x^{411}+x^{409}+x^{408}+x^{403}+x^{402}+x^{399}+x^{397}+x^{396}+x^{387}+x^{385}+x^{384}+x^{123}+x^{121}+x^{120}+x^{115}+x^{114}+x^{111}+x^{109}+x^{108}+x^{99}+x^{97}+x^{96}+x^{67}+x^{66}+x^{63}+x^{61}+x^{60}+x^{51}+x^{49}+x^{48}+x^{27}+x^{25}+x^{24}+x^{19}+x^{18}+x^{15}+x^{13}+x^{12}+x^3+x+1$`

./Primpoly.exe -t

$x^{903}+x^{901}+x^{900}+x^{895}+x^{894}+x^{891}+x^{889}+x^{888}+x^{871}+x^{870}+x^{867}+x^{865}+x^{864}+x^{823}+x^{822}+x^{819}+x^{817}+x^{816}+x^{807}+x^{805}+x^{804}+x^{799}+x^{798}+x^{795}+x^{793}+x^{792}+x^{775}+x^{774}+x^{771}+x^{769}+x^{768}+x^{631}+x^{630}+x^{627}+x^{625}+x^{624}+x^{615}+x^{613}+x^{612}+x^{607}+x^{606}+x^{603}+x^{601}+x^{600}+x^{583}+x^{582}+x^{579}+x^{577}+x^{576}+x^{519}+x^{517}+x^{516}+x^{511}+x^{510}+x^{507}+x^{505}+x^{504}+x^{487}+x^{486}+x^{483}+x^{481}+x^{480}+x^{439}+x^{438}+x^{435}+x^{433}+x^{432}+x^{423}+x^{421}+x^{420}+x^{415}+x^{414}+x^{411}+x^{409}+x^{408}+x^{391}+x^{390}+x^{387}+x^{385}+x^{384}+x^{135}+x^{133}+x^{132}+x^{127}+x^{126}+x^{123}+x^{121}+x^{120}+x^{103}+x^{102}+x^{99}+x^{97}+x^{96}+x^{55}+x^{54}+x^{51}+x^{49}+x^{48}+x^{39}+x^{37}+x^{36}+x^{31}+x^{30}+x^{27}+x^{25}+x^{24}+x^7+x^6+x^3+x+1$

./Primpoly.exe -t

$x^{1323}+x^{1321}+x^{1320}+x^{1315}+x^{1314}+x^{1311}+x^{1309}+x^{1308}+x^{1299}+x^{1297}+x^{1296}+x^{1267}+x^{1266}+x^{1263}+x^{1261}+x^{1260}+x^{1251}+x^{1249}+x^{1248}+x^{1171}+x^{1170}+x^{1167}+x^{1165}+x^{1164}+x^{1155}+x^{1153}+x^{1152}+x^{979}+x^{978}+x^{975}+x^{973}+x^{972}+x^{963}+x^{961}+x^{960}+x^{939}+x^{937}+x^{936}+x^{931}+x^{930}+x^{927}+x^{925}+x^{924}+x^{915}+x^{913}+x^{912}+x^{883}+x^{882}+x^{879}+x^{877}+x^{876}+x^{867}+x^{865}+x^{864}+x^{787}+x^{786}+x^{783}+x^{781}+x^{780}+x^{771}+x^{769}+x^{768}+x^{211}+x^{210}+x^{207}+x^{205}+x^{204}+x^{195}+x^{193}+x^{192}+x^{171}+x^{169}+x^{168}+x^{163}+x^{162}+x^{159}+x^{157}+x^{156}+x^{147}+x^{145}+x^{144}+x^{115}+x^{114}+x^{111}+x^{109}+x^{108}+x^{99}+x^{97}+x^{96}+x^{19}+x^{18}+x^{15}+x^{13}+x^{12}+x^3+x+1$

Series 4

./Primpoly.exe -t x^4+x^3+1

./Primpoly.exe -t

$x^{164}+x^{163}+x^{160}+x^{157}+x^{156}+x^{155}+x^{153}+x^{152}+x^{149}+x^{145}+x^{141}+x^{140}+x^{139}+x^{137}+x^{136}+x^{133}+x^{129}+x^{93}+x^{92}+x^{91}+x^{89}+x^{88}+x^{85}+x^{81}+x^{77}+x^{76}+x^{75}+x^{73}+x^{72}+x^{69}+x^{68}+x^{67}+x^{65}+x^{64}+x^{29}+x^{28}+x^{27}+x^{25}+x^{24}+x^{21}+x^{17}+x^{13}+x^{12}+x^{11}+x^9+x^8+x^5+x^4+x^3+x+1$

./Primpoly.exe -t

$x^{814}+x^{813}+x^{812}+x^{811}+x^{809}+x^{806}+x^{805}+x^{804}+x^{802}+x^{801}+x^{800}+x^{787}+x^{786}+x^{784}+x^{771}+x^{770}+x^{768}+x^{723}+x^{722}+x^{720}+x^{718}+x^{717}+x^{716}+x^{715}+x^{713}+x^{710}+x^{709}+x^{708}+x^{707}+x^{705}+x^{686}+x^{685}+x^{684}+x^{683}+x^{681}+x^{678}+x^{677}+x^{676}+x^{674}+x^{673}+x^{672}+x^{654}+x^{653}+x^{652}+x^{651}+x^{649}+x^{646}+x^{645}+x^{644}+x^{642}+x^{641}+x^{640}+x^{595}+x^{594}+x^{592}+x^{590}+x^{589}+x^{588}+x^{587}+x^{585}+x^{582}+x^{581}+x^{580}+x^{579}+x^{577}+x^{558}+x^{557}+x^{556}+x^{555}+x^{553}+x^{550}+x^{549}+x^{548}+x^{546}+x^{545}+x^{544}+x^{526}+x^{525}+x^{524}+x^{523}+x^{521}+x^{518}+x^{517}+x^{516}+x^{514}+x^{513}+x^{512}+x^{302}+x^{301}+x^{300}+x^{299}+x^{297}+x^{294}+x^{293}+x^{292}+x^{290}+x^{289}+x^{288}+x^{275}+x^{274}+x^{272}+x^{259}+x^{258}+x^{256}+x^{46}+x^{45}+x^{44}+x^{43}+x^{41}+x^{38}+x^{37}+x^{36}+x^{34}+x^{33}+x^{32}+x^{19}+x^{18}+x^{16}+x^3+x^2+1$

```
./Primpoly.exe -t
```

$x^{1358} + x^{1357} + x^{1356} + x^{1355} + x^{1353} + x^{1350} + x^{1349} + x^{1348} + x^{1346} + x^{1345} + x^{1344} + x^{1331} + x^{1330} + x^{1328} + x^{1326} + x^{1325} + x^{1324} + x^{1323} + x^{1321} + x^{1318} + x^{1317} + x^{1316} + x^{1315} + x^{1313} + x^{1299} + x^{1298} + x^{1296} + x^{1294} + x^{1293} + x^{1292} + x^{1291} + x^{1289} + x^{1286} + x^{1285} + x^{1284} + x^{1283} + x^{1281} + x^{1203} + x^{1202} + x^{1200} + x^{1198} + x^{1197} + x^{1196} + x^{1195} + x^{1193} + x^{1190} + x^{1189} + x^{1188} + x^{1187} + x^{1185} + x^{1171} + x^{1170} + x^{1168} + x^{1155} + x^{1154} + x^{1152} + x^{1107} + x^{1075} + x^{1074} + x^{1072} + x^{1070} + x^{1069} + x^{1068} + x^{1067} + x^{1065} + x^{1062} + x^{1061} + x^{1060} + x^{1059} + x^{1057} + x^{1043} + x^{1042} + x^{1040} + x^{1027} + x^{1026} + x^{1024} + x^{691} + x^{690} + x^{688} + x^{686} + x^{685} + x^{684} + x^{683} + x^{681} + x^{678} + x^{677} + x^{676} + x^{675} + x^{673} + x^{659} + x^{658} + x^{656} + x^{643} + x^{642} + x^{640} + x^{590} + x^{589} + x^{588} + x^{587} + x^{585} + x^{582} + x^{581} + x^{580} + x^{578} + x^{577} + x^{576} + x^{552} + x^{525} + x^{524} + x^{523} + x^{521} + x^{518} + x^{517} + x^{516} + x^{514} + x^{513} + x^{512} + x^{179} + x^{178} + x^{176} + x^{174} + x^{173} + x^{172} + x^{171} + x^{169} + x^{166} + x^{165} + x^{164} + x^{163} + x^{161} + x^{147} + x^{146} + x^{144} + x^{131} + x^{130} + x^{128} + x^{78} + x^{77} + x^{76} + x^{75} + x^{73} + x^{70} + x^{69} + x^{68} + x^{66} + x^{65} + x^{64} + x^{14} + x^{13} + x^{12} + x^{11} + x^9 + x^6 + x^5 + x^4 + x^2 + x + 1$

```
./Primpoly.exe -t x**3304 + x**3303 + x**3299 + x**3297 + x**3296 + x**3289 + x**3288 +
x**3287 + x**3283 + x**3280 + x**3273 + x**3272 + x**3271 + x**3267 + x**3264 + x**3240 +
x**3239 + x**3235 + x**3233 + x**3232 + x**3208 + x**3207 + x**3203 + x**3201 + x**3200 +
x**3176 + x**3175 + x**3171 + x**3169 + x**3168 + x**3161 + x**3160 + x**3159 + x**3155 +
x**3152 + x**3145 + x**3144 + x**3143 + x**3139 + x**3136 + x**3112 + x**3111 + x**3107 +
x**3105 + x**3104 + x**3097 + x**3096 + x**3095 + x**3091 + x**3088 + x**3081 + x**3080 +
x**3079 + x**3075 + x**3072 + x**2841 + x**2840 + x**2839 + x**2835 + x**2832 + x**2825 +
x**2817 + x**2792 + x**2791 + x**2787 + x**2785 + x**2784 + x**2777 + x**2776 + x**2775 +
x**2771 + x**2768 + x**2761 + x**2760 + x**2759 + x**2755 + x**2752 + x**2728 + x**2727 +
x**2723 + x**2721 + x**2720 + x**2696 + x**2695 + x**2691 + x**2689 + x**2688 + x**2664 +
x**2663 + x**2659 + x**2657 + x**2656 + x**2649 + x**2648 + x**2647 + x**2643 + x**2640 +
x**2633 + x**2632 + x**2631 + x**2627 + x**2624 + x**2600 + x**2599 + x**2595 + x**2593 +
x**2592 + x**2568 + x**2567 + x**2563 + x**2561 + x**2560 + x**2329 + x**2328 + x**2327 +
x**2323 + x**2320 + x**2313 + x**2305 + x**2280 + x**2279 + x**2275 + x**2273 + x**2272 +
x**2265 + x**2264 + x**2263 + x**2259 + x**2256 + x**2249 + x**2248 + x**2247 + x**2243 +
x**2240 + x**2216 + x**2215 + x**2211 + x**2209 + x**2208 + x**2184 + x**2183 + x**2179 +
x**2177 + x**2176 + x**2152 + x**2151 + x**2147 + x**2145 + x**2144 + x**2137 + x**2136 +
x**2135 + x**2131 + x**2128 + x**2121 + x**2120 + x**2119 + x**2115 + x**2112 + x**2088 +
x**2087 + x**2083 + x**2081 + x**2080 + x**2056 + x**2055 + x**2051 + x**2049 + x**2048 +
x**1256 + x**1255 + x**1251 + x**1249 + x**1248 + x**1241 + x**1240 + x**1239 + x**1235 +
x**1232 + x**1225 + x**1224 + x**1223 + x**1219 + x**1216 + x**1192 + x**1191 + x**1187 +
x**1185 + x**1184 + x**1160 + x**1159 + x**1155 + x**1153 + x**1152 + x**1128 + x**1127 +
x**1123 + x**1121 + x**1120 + x**1113 + x**1112 + x**1111 + x**1107 + x**1104 + x**1097 +
x**1096 + x**1095 + x**1091 + x**1088 + x**1064 + x**1063 + x**1059 + x**1057 + x**1056 +
x**1049 + x**1048 + x**1047 + x**1043 + x**1040 + x**1033 + x**1032 + x**1031 + x**1027 +
x**1024 + x**232 + x**231 + x**227 + x**225 + x**224 + x**217 + x**216 + x**215 + x**211 +
x**208 + x**201 + x**200 + x**199 + x**195 + x**192 + x**168 + x**167 + x**163 + x**161 +
x**160 + x**136 + x**135 + x**131 + x**129 + x**128 + x**104 + x**103 + x**99 + x**97 + x**96
```

+ x**89 + x**88 + x**87 + x**83 + x**80 + x**73 + x**72 + x**71 + x**67 + x**64 + x**40 + x**39
+ x**35 + x**33 + x**32 + x**25 + x**24 + x**23 + x**19 + x**16 + x**9 + x**8 + x**7 + x**3 + 1 2

./Primpoly.exe -t x**3524 + x**3523 + x**3520 + x**3517 + x**3516 + x**3515 + x**3513 +
x**3512 + x**3509 + x**3505 + x**3501 + x**3500 + x**3499 + x**3497 + x**3496 + x**3493 +
x**3492 + x**3491 + x**3489 + x**3488 + x**3485 + x**3484 + x**3483 + x**3481 + x**3480 +
x**3477 + x**3473 + x**3469 + x**3468 + x**3467 + x**3465 + x**3464 + x**3461 + x**3460 +
x**3459 + x**3457 + x**3456 + x**3396 + x**3395 + x**3392 + x**3332 + x**3331 + x**3328 +
x**3268 + x**3267 + x**3264 + x**3261 + x**3260 + x**3259 + x**3257 + x**3256 + x**3253 +
x**3249 + x**3245 + x**3244 + x**3243 + x**3241 + x**3240 + x**3237 + x**3236 + x**3235 +
x**3233 + x**3232 + x**3229 + x**3228 + x**3227 + x**3225 + x**3224 + x**3221 + x**3217 +
x**3213 + x**3212 + x**3211 + x**3209 + x**3208 + x**3205 + x**3204 + x**3203 + x**3201 +
x**3200 + x**3140 + x**3139 + x**3136 + x**3133 + x**3132 + x**3131 + x**3129 + x**3128 +
x**3125 + x**3121 + x**3117 + x**3116 + x**3115 + x**3113 + x**3112 + x**3109 + x**3108 +
x**3107 + x**3105 + x**3104 + x**3101 + x**3100 + x**3099 + x**3097 + x**3096 + x**3093 +
x**3089 + x**3085 + x**3084 + x**3083 + x**3081 + x**3080 + x**3077 + x**3076 + x**3075 +
x**3073 + x**3072 + x**2621 + x**2620 + x**2619 + x**2617 + x**2616 + x**2613 + x**2609 +
x**2605 + x**2604 + x**2603 + x**2601 + x**2600 + x**2597 + x**2596 + x**2595 + x**2593 +
x**2592 + x**2589 + x**2588 + x**2587 + x**2585 + x**2584 + x**2581 + x**2577 + x**2573 +
x**2572 + x**2571 + x**2569 + x**2568 + x**2565 + x**2561 + x**2109 + x**2108 + x**2107 +
x**2105 + x**2104 + x**2101 + x**2097 + x**2093 + x**2092 + x**2091 + x**2089 + x**2088 +
x**2085 + x**2084 + x**2083 + x**2081 + x**2080 + x**2077 + x**2076 + x**2075 + x**2073 +
x**2072 + x**2069 + x**2065 + x**2061 + x**2060 + x**2059 + x**2057 + x**2056 + x**2053 +
x**2049 + x**1476 + x**1475 + x**1472 + x**1469 + x**1468 + x**1467 + x**1465 + x**1464 +
x**1461 + x**1457 + x**1453 + x**1452 + x**1451 + x**1449 + x**1448 + x**1445 + x**1444 +
x**1443 + x**1441 + x**1440 + x**1437 + x**1436 + x**1435 + x**1433 + x**1432 + x**1429 +
x**1425 + x**1421 + x**1420 + x**1419 + x**1417 + x**1416 + x**1413 + x**1412 + x**1411 +
x**1409 + x**1408 + x**1348 + x**1347 + x**1344 + x**1284 + x**1283 + x**1280 + x**1220 +
x**1219 + x**1216 + x**1213 + x**1212 + x**1211 + x**1209 + x**1208 + x**1205 + x**1201 +
x**1197 + x**1196 + x**1195 + x**1193 + x**1192 + x**1189 + x**1188 + x**1187 + x**1185 +
x**1184 + x**1181 + x**1180 + x**1179 + x**1177 + x**1176 + x**1173 + x**1169 + x**1165 +
x**1164 + x**1163 + x**1161 + x**1160 + x**1157 + x**1156 + x**1155 + x**1153 + x**1152 +
x**1092 + x**1091 + x**1088 + x**1085 + x**1084 + x**1083 + x**1081 + x**1080 + x**1077 +
x**1073 + x**1069 + x**1068 + x**1067 + x**1065 + x**1064 + x**1061 + x**1060 + x**1059 +
x**1057 + x**1056 + x**1053 + x**1052 + x**1051 + x**1049 + x**1048 + x**1045 + x**1041 +
x**1037 + x**1036 + x**1035 + x**1033 + x**1032 + x**1029 + x**1028 + x**1027 + x**1025 +
x**1024 + x**4452 + x**4451 + x**4448 + x**4445 + x**4444 + x**4443 + x**4441 + x**4440 + x**4437 +
x**4433 + x**4429 + x**4428 + x**4427 + x**4425 + x**4424 + x**4421 + x**4420 + x**4419 + x**4417 +
x**4416 + x**4413 + x**4412 + x**4411 + x**4409 + x**4408 + x**4405 + x**4401 + x**397 + x**396 +
x**395 + x**393 + x**392 + x**389 + x**388 + x**387 + x**385 + x**384 + x**324 + x**323 +
x**320 + x**260 + x**259 + x**256 + x**196 + x**195 + x**192 + x**189 + x**188 + x**187 +
x**185 + x**184 + x**181 + x**177 + x**173 + x**172 + x**171 + x**169 + x**168 + x**165 +
x**164 + x**163 + x**161 + x**160 + x**157 + x**156 + x**155 + x**153 + x**152 + x**149 +
x**145 + x**141 + x**140 + x**139 + x**137 + x**136 + x**133 + x**132 + x**131 + x**129 +

$$x^{128} + x^{68} + x^{67} + x^{64} + x^{61} + x^{60} + x^{59} + x^{57} + x^{56} + x^{53} + x^{49} + x^{45} + x^{44} + x^{43} + x^{41} + x^{40} + x^{37} + x^{36} + x^{35} + x^{33} + x^{32} + x^{29} + x^{28} + x^{27} + x^{25} + x^{24} + x^{21} + x^{17} + x^{13} + x^{12} + x^{11} + x^9 + x^8 + x^5 + x^4 + x^3 + x + 1$$

Series 1 Modified

./Primpoly.exe -t $x^4 + x + 1$

./Primpoly.exe -t $x^7 + x^5 + x^4 + x^3 + x^2 + x + 1$

./Primpoly.exe -t $x^9 + x^7 + x^6 + x^4 + 1$

./Primpoly.exe -t $x^{16} + x^{13} + x^{12} + x^{10} + x^9 + x^8 + x^2 + x + 1$

./Primpoly.exe -t $x^{18} + x^{15} + x^{12} + x^{10} + x^8 + x^2 + 1$

./Primpoly.exe -t $x^{19} + x^{17} + x^{16} + x^{15} + x^{14} + x^{13} + x^{12} + x^{11} + x^9 + x^8 + x^3 + x + 1$

./Primpoly.exe -t

$x^{31} + x^{29} + x^{28} + x^{27} + x^{26} + x^{25} + x^{24} + x^{19} + x^{18} + x^{17} + x^{16} + x^3 + x^2 + x + 1$

./Primpoly.exe -t $x^{33} + x^{31} + x^{30} + x^{28} + x^{24} + x^{16} + 1$

./Primpoly.exe -t

$x^{37} + x^{35} + x^{34} + x^{32} + x^{29} + x^{28} + x^{27} + x^{26} + x^{24} + x^{21} + x^{19} + x^{18} + x^{16} + x^5 + x^3 + x^2 + 1$

./Primpoly.exe -t

$x^{42} + x^{39} + x^{36} + x^{34} + x^{32} + x^{24} + x^{23} + x^{20} + x^{18} + x^{16} + x^{10} + x^7 + x^4 + x^2 + 1$

./Primpoly.exe -t

$x^{61} + x^{59} + x^{58} + x^{56} + x^{53} + x^{52} + x^{51} + x^{50} + x^{48} + x^{37} + x^{36} + x^{35} + x^{34} + x^{32} + x^5 + x^4 + x^3 + x^2 + 1$

./Primpoly.exe -t

$x^{109} + x^{107} + x^{106} + x^{104} + x^{101} + x^{100} + x^{99} + x^{98} + x^{96} + x^{85} + x^{84} + x^{83} + x^{82} + x^{80} + x^{77} + x^{75} + x^{74} + x^{72} + x^{69} + x^{68} + x^{67} + x^{66} + x^{64} + x^{21} + x^{20} + x^{19} + x^{18} + x^{16} + x^{13} + x^{11} + x^{10} + x^8 + x^5 + x^4 + x^3 + x^2 + 1$

./Primpoly.exe -t

$x^{127} + x^{125} + x^{124} + x^{123} + x^{122} + x^{121} + x^{120} + x^{115} + x^{114} + x^{113} + x^{112} + x^{99} + x^{98} + x^{97} + x^{96} + x^{67} + x^{66} + x^{65} + x^{64} + x^3 + x^2 + x + 1$

./Primpoly.exe -t

$x^{196}+x^{193}+x^{192}+x^{190}+x^{189}+x^{185}+x^{184}+x^{180}+x^{177}+x^{176}+x^{164}+x^{161}+x^{160}+x^{132}+x^{129}+x^{128}+x^{62}+x^{61}+x^{57}+x^{56}+x^{52}+x^{49}+x^{48}+x^{36}+x^{33}+x^{32}+x^4+x+1$ 2

./Primpoly.exe -t

$x^{294}+x^{291}+x^{288}+x^{284}+x^{283}+x^{280}+x^{278}+x^{275}+x^{272}+x^{262}+x^{259}+x^{256}+x^{220}+x^{219}+x^{216}+x^{214}+x^{211}+x^{208}+x^{198}+x^{195}+x^{192}+x^{166}+x^{163}+x^{160}+x^{156}+x^{155}+x^{152}+x^{150}+x^{147}+x^{144}+x^{134}+x^{131}+x^{128}+x^{38}+x^{35}+x^{32}+x^{28}+x^{27}+x^{24}+x^{22}+x^{19}+x^{16}+x^6+x^3+1$ 2

./Primpoly.exe -t

$x^{337}+x^{335}+x^{334}+x^{332}+x^{328}+x^{320}+x^{305}+x^{304}+x^{303}+x^{302}+x^{300}+x^{296}+x^{288}+x^{273}+x^{271}+x^{270}+x^{268}+x^{264}+x^{256}+x^{177}+x^{176}+x^{175}+x^{174}+x^{172}+x^{168}+x^{160}+x^{145}+x^{143}+x^{142}+x^{140}+x^{136}+x^{128}+x^{81}+x^{79}+x^{78}+x^{76}+x^{72}+x^{64}+x^{49}+x^{48}+x^{47}+x^{46}+x^{44}+x^{40}+x^{32}+x^{17}+x^{15}+x^{14}+x^{12}+x^8+1$ 2

./Primpoly.exe -t

$x^{391}+x^{389}+x^{388}+x^{387}+x^{386}+x^{385}+x^{384}+x^{379}+x^{378}+x^{377}+x^{376}+x^{375}+x^{373}+x^{372}+x^{371}+x^{370}+x^{369}+x^{368}+x^{359}+x^{357}+x^{356}+x^{355}+x^{354}+x^{353}+x^{352}+x^{327}+x^{325}+x^{324}+x^{323}+x^{322}+x^{321}+x^{320}+x^{263}+x^{261}+x^{260}+x^{259}+x^{258}+x^{257}+x^{256}+x^{23}+x^{122}+x^{121}+x^{120}+x^{119}+x^{117}+x^{116}+x^{115}+x^{114}+x^{113}+x^{112}+x^{103}+x^{101}+x^{100}+x^{99}+x^{98}+x^{97}+x^{96}+x^{71}+x^{69}+x^{68}+x^{67}+x^{66}+x^{65}+x^{64}+x^7+x^5+x^4+x^3+x^2+x+1$ 2

./Primpoly.exe -t

$x^{589}+x^{587}+x^{586}+x^{584}+x^{581}+x^{580}+x^{579}+x^{578}+x^{576}+x^{565}+x^{564}+x^{563}+x^{562}+x^{560}+x^{557}+x^{555}+x^{554}+x^{552}+x^{549}+x^{548}+x^{547}+x^{546}+x^{544}+x^{525}+x^{523}+x^{522}+x^{520}+x^{517}+x^{516}+x^{515}+x^{514}+x^{512}+x^{437}+x^{436}+x^{435}+x^{434}+x^{432}+x^{429}+x^{427}+x^{426}+x^{424}+x^{421}+x^{420}+x^{419}+x^{418}+x^{416}+x^{397}+x^{395}+x^{394}+x^{392}+x^{389}+x^{388}+x^{387}+x^{386}+x^{384}+x^{333}+x^{331}+x^{330}+x^{328}+x^{325}+x^{324}+x^{323}+x^{322}+x^{320}+x^{309}+x^{308}+x^{307}+x^{306}+x^{304}+x^{301}+x^{299}+x^{298}+x^{296}+x^{293}+x^{292}+x^{291}+x^{290}+x^{288}+x^{269}+x^{267}+x^{266}+x^{264}+x^{261}+x^{260}+x^{259}+x^{258}+x^{256}+x^{77}+x^{75}+x^{74}+x^{72}+x^{69}+x^{68}+x^{67}+x^{66}+x^{64}+x^{53}+x^{52}+x^{51}+x^{50}+x^{48}+x^{45}+x^{43}+x^{42}+x^{40}+x^{37}+x^{36}+x^{35}+x^{34}+x^{32}+x^{13}+x^{11}+x^{10}+x^8+x^5+x^4+x^3+x^2+1$ 2

./Primpoly.exe -t

$x^{649}+x^{647}+x^{646}+x^{644}+x^{640}+x^{633}+x^{632}+x^{631}+x^{630}+x^{628}+x^{624}+x^{617}+x^{615}+x^{614}+x^{612}+x^{608}+x^{585}+x^{583}+x^{582}+x^{580}+x^{576}+x^{521}+x^{519}+x^{518}+x^{516}+x^{512}+x^{377}+x^{376}+x^{375}+x^{374}+x^{372}+x^{368}+x^{361}+x^{359}+x^{358}+x^{356}+x^{352}+x^{329}+x^{327}+x^{326}+x^{324}+x^{320}+x^{265}+x^{263}+x^{262}+x^{260}+x^{256}+x^{137}+x^{135}+x^{134}+x^{132}+x^{128}+x^{121}+x^{120}+x^{119}+x^{118}+x^{116}+x^{112}+x^{105}+x^{103}+x^{102}+x^{100}+x^{96}+x^{73}+x^{71}+x^{70}+x^{68}+x^{64}+x^9+x^7+x^6+x^4+1$ 2

./Primpoly.exe -t

$x^{751}+x^{749}+x^{748}+x^{747}+x^{746}+x^{745}+x^{744}+x^{739}+x^{738}+x^{737}+x^{736}+x^{723}+x^{722}+x^{721}+x^{720}+x^{719}+x^{717}+x^{716}+x^{715}+x^{714}+x^{713}+x^{712}+x^{707}+x^{706}+x^{705}+x^{704}+x^{659}+x^{658}+x^{657}+x^{656}+x^{655}+x^{653}+x^{652}+x^{651}+x^{650}+x^{649}+x^{648}+x^{643}+x^{642}+x^{641}+x^{640}+x^{531}+x^{530}+x^{529}+x^{528}+x^{527}+x^{525}+x^{524}+x^{523}+x^{522}+x^{521}+x^{520}+x^{515}+x^{514}+x^{513}+x^{512}+x^{275}+x^{274}+x^{273}+x^{272}+x^{271}+x^{269}+x^{268}+x^{267}+x^{266}+x^{265}+x^{264}+x^{259}+x^{258}+x^{257}+x^{256}+x^{239}+x^{237}+x^{236}+x^{235}+x^{234}+x^{233}+x^{232}+x^{227}+x^{226}+x^{225}+x^{224}+x^{211}+x^{210}+x^{209}+x^{208}+x^{207}+x^{205}+x^{204}+x^{203}+x^{202}+x^{201}+x^{200}+x^{195}+x^{194}+x^{193}+x^{192}+x^{147}+x^{146}+x^{145}+x^{144}+x^{143}+x^{141}+x^{140}+x^{139}+x^{138}+x^{137}+x^{136}+x^{131}+x^{130}+x^{129}+x^{128}+x^{119}+x^{118}+x^{117}+x^{116}+x^{115}+x^{113}+x^{112}+x^{111}+x^{110}+x^{109}+x^{108}+x^{107}+x^{106}+x^{105}+x^{104}+x^{99}+x^{98}+x^{97}+x^{96}+x^{83}+x^{82}+x^{81}+x^{80}+x^{79}+x^{77}+x^{76}+x^{75}+x^{74}+x^{73}+x^{72}+x^{67}+x^{66}+x^{65}+x^{64}+x^{19}+x^{18}+x^{17}+x^{16}+x^{15}+x^{13}+x^{12}+x^{11}+x^{10}+x^9+x^8+x^3+x^2+x+1$

./Primpoly.exe -t

$x^{879}+x^{877}+x^{876}+x^{875}+x^{874}+x^{873}+x^{872}+x^{867}+x^{866}+x^{865}+x^{864}+x^{851}+x^{850}+x^{849}+x^{848}+x^{847}+x^{845}+x^{844}+x^{843}+x^{842}+x^{841}+x^{840}+x^{835}+x^{834}+x^{833}+x^{832}+x^{787}+x^{786}+x^{785}+x^{784}+x^{783}+x^{781}+x^{780}+x^{779}+x^{778}+x^{777}+x^{776}+x^{771}+x^{770}+x^{769}+x^{768}+x^{659}+x^{658}+x^{657}+x^{656}+x^{655}+x^{653}+x^{652}+x^{651}+x^{650}+x^{649}+x^{648}+x^{643}+x^{642}+x^{641}+x^{640}+x^{623}+x^{621}+x^{620}+x^{619}+x^{618}+x^{617}+x^{616}+x^{611}+x^{610}+x^{609}+x^{608}+x^{595}+x^{594}+x^{593}+x^{592}+x^{591}+x^{589}+x^{588}+x^{587}+x^{586}+x^{585}+x^{584}+x^{579}+x^{578}+x^{577}+x^{576}+x^{531}+x^{530}+x^{529}+x^{528}+x^{527}+x^{525}+x^{524}+x^{523}+x^{522}+x^{521}+x^{520}+x^{515}+x^{514}+x^{513}+x^{512}+x^{147}+x^{146}+x^{145}+x^{144}+x^{143}+x^{141}+x^{140}+x^{139}+x^{138}+x^{137}+x^{136}+x^{131}+x^{130}+x^{129}+x^{128}+x^{111}+x^{109}+x^{108}+x^{107}+x^{106}+x^{105}+x^{104}+x^{99}+x^{98}+x^{97}+x^{96}+x^{83}+x^{82}+x^{81}+x^{80}+x^{79}+x^{77}+x^{76}+x^{75}+x^{74}+x^{73}+x^{72}+x^{67}+x^{66}+x^{65}+x^{64}+x^{19}+x^{18}+x^{17}+x^{16}+x^{15}+x^{13}+x^{12}+x^{11}+x^{10}+x^9+x^8+x^3+x^2+x+1$

Series 2 Modified

./Primpoly.exe -t x^4+x+1

./Primpoly.exe -t $x^6+x^4+x^3+x+1$

./Primpoly.exe -t $x^7+x^6+x^4+x^2+1$

./Primpoly.exe -t $x^9+x^8+x^7+x^5+x^4+x^3+1$

./Primpoly.exe -t $x^{19}+x^{18}+x^{16}+x^{15}+x^{10}+x^8+x^7+x^2+1$

./Primpoly.exe -t

$x^{31}+x^{30}+x^{28}+x^{26}+x^{24}+x^{23}+x^{22}+x^{20}+x^{19}+x^{18}+x^{16}+x^{15}+x^{14}+x^{12}+x^{10}+x^8+x^7+x^6+x^4+x^2+1$

./Primpoly.exe -t $x^{37}+x^{36}+x^{35}+x^{29}+x^{27}+x^{24}+x^{20}+x^{16}+x^{13}+x^{11}+x^8+x^4+1$

./Primpoly.exe -t
 $x^{42}+x^{40}+x^{39}+x^{38}+x^{37}+x^{35}+x^{34}+x^{33}+x^{32}+x^{24}+x^{23}+x^{22}+x^{21}+x^{19}+x^{17}+x^{16}+x^8+x^7+x^6+x^5+x^3+x+1$

./Primpoly.exe -t
 $x^{61}+x^{60}+x^{59}+x^{52}+x^{48}+x^{45}+x^{44}+x^{43}+x^{37}+x^{36}+x^{35}+x^{29}+x^{28}+x^{27}+x^{20}+x^{16}+x^{13}+x^{12}+x^{11}+x^4+1$

./Primpoly.exe -t
 $x^{99}+x^{98}+x^{96}+x^{95}+x^{90}+x^{88}+x^{87}+x^{83}+x^{79}+x^{74}+x^{72}+x^{71}+x^{67}+x^{35}+x^{34}+x^{32}+x^3+x^2+1$

./Primpoly.exe -t
 $x^{109}+x^{108}+x^{107}+x^{100}+x^{96}+x^{85}+x^{83}+x^{80}+x^{69}+x^{67}+x^{64}+x^{45}+x^{44}+x^{43}+x^{36}+x^{32}+x^{13}+x^{12}+x^{11}+x^4+1$

./Primpoly.exe -t
 $x^{127}+x^{126}+x^{124}+x^{122}+x^{120}+x^{119}+x^{118}+x^{116}+x^{115}+x^{114}+x^{112}+x^{111}+x^{110}+x^{108}+x^{106}+x^{104}+x^{103}+x^{102}+x^{100}+x^{98}+x^{96}+x^{95}+x^{94}+x^{92}+x^{90}+x^{88}+x^{87}+x^{86}+x^{84}+x^{83}+x^{82}+x^{80}+x^{79}+x^{78}+x^{76}+x^{74}+x^{72}+x^{71}+x^{70}+x^{68}+x^{67}+x^{66}+x^{64}+x^{63}+x^{62}+x^{60}+x^{58}+x^{56}+x^{55}+x^{54}+x^{52}+x^{51}+x^{50}+x^{48}+x^{47}+x^{46}+x^{44}+x^{42}+x^{40}+x^{39}+x^{38}+x^{36}+x^{34}+x^{32}+x^{31}+x^{30}+x^{28}+x^{26}+x^{24}+x^{23}+x^{22}+x^{20}+x^{19}+x^{18}+x^{16}+x^{15}+x^{14}+x^{12}+x^{10}+x^8+x^7+x^6+x^4+x^2+1$

./Primpoly.exe -t
 $x^{279}+x^{278}+x^{276}+x^{274}+x^{272}+x^{267}+x^{259}+x^{235}+x^{231}+x^{230}+x^{228}+x^{227}+x^{226}+x^{224}+x^{215}+x^{214}+x^{212}+x^{210}+x^{208}+x^{199}+x^{198}+x^{196}+x^{194}+x^{192}+x^{171}+x^{167}+x^{166}+x^{164}+x^{163}+x^{162}+x^{160}+x^{139}+x^{135}+x^{134}+x^{132}+x^{131}+x^{130}+x^{128}+x^{107}+x^{103}+x^{102}+x^{100}+x^{99}+x^{98}+x^{96}+x^{87}+x^{86}+x^{84}+x^{82}+x^{80}+x^{71}+x^{70}+x^{68}+x^{66}+x^{64}+x^{43}+x^{39}+x^{38}+x^{36}+x^{35}+x^{34}+x^{32}+x^{11}+x^7+x^6+x^4+x^3+x^2+1$

./Primpoly.exe -t
 $x^{337}+x^{336}+x^{335}+x^{333}+x^{332}+x^{331}+x^{329}+x^{327}+x^{325}+x^{324}+x^{323}+x^{305}+x^{303}+x^{301}+x^{300}+x^{299}+x^{297}+x^{295}+x^{293}+x^{292}+x^{291}+x^{288}+x^{273}+x^{271}+x^{269}+x^{268}+x^{267}+x^{265}+x^{263}+x^{261}+x^{260}+x^{259}+x^{256}+x^{177}+x^{175}+x^{173}+x^{172}+x^{171}+x^{169}+x^{167}+x^{165}+x^{164}+x^{163}+x^{160}+x^{144}+x^{128}+x^{49}+x^{47}+x^{45}+x^{44}+x^{43}+x^{41}+x^{39}+x^{37}+x^{36}+x^{35}+x^{32}+x^{16}+1$

./Primpoly.exe -t
 $x^{391}+x^{390}+x^{388}+x^{386}+x^{384}+x^{379}+x^{375}+x^{374}+x^{372}+x^{371}+x^{370}+x^{368}+x^{363}+x^{355}+x^{347}+x^{343}+x^{342}+x^{340}+x^{339}+x^{338}+x^{336}+x^{331}+x^{327}+x^{326}+x^{324}+x^{323}+x^{322}+x^{320}+x^{315}+x^{311}+x^{310}+x^{308}+x^{307}+x^{306}+x^{304}+x^{299}+x^{291}+x^{283}+x^{279}+x^{278}+x^{276}+x^{274}+x^{272}+x^{267}+x^{259}+x^{235}+x^{231}+x^{230}+x^{228}+x^{227}+x^{226}+x^{224}+x^{215}+x^{214}+x^{212}+x^{210}+x^{208}+x^{199}+x^{198}+x^{196}+x^{194}+x^{192}+x^{171}+x^{167}+x^{166}+x^{164}+x^{163}+x^{162}+x^{160}+x^{139}+x^{135}+x^{134}+x^{132}+x^{131}+x^{130}+x^{128}+x^{107}+x^{103}+x^{102}+x^{100}+x^{99}+x^{98}+x^{96}+x^{87}+x^{86}+x^{84}+x^{82}+x^{80}+x^{71}+x^{70}+x^{68}+x^{66}+x^{64}+x^{43}+x^{39}+x^{38}+x^{36}+x^{35}+x^{34}+x^{32}+x^{11}+x^7+x^6+x^4+x^3+x^2+1$

$78x^{276} + x^{275} + x^{274} + x^{272} + x^{267} + x^{263} + x^{262} + x^{260} + x^{259} + x^{258} + x^{256} + x^{135} + x^{134} + x^{132} + x^{130} + x^{128} + x^7 + x^6 + x^4 + x^2 + 1$

./Primpoly.exe -t

$x^{544} + x^{541} + x^{538} + x^{536} + x^{533} + x^{529} + x^{525} + x^{522} + x^{520} + x^{517} + x^{514} + x^{482} + x^{481} + x^{477} + x^{474} + x^{472} + x^{469} + x^{465} + x^{461} + x^{458} + x^{456} + x^{453} + x^{449} + x^{448} + x^{418} + x^{417} + x^{416} + x^{386} + x^{385} + x^{384} + x^{354} + x^{353} + x^{349} + x^{346} + x^{344} + x^{341} + x^{337} + x^{333} + x^{330} + x^{328} + x^{325} + x^{321} + x^{320} + x^{290} + x^{289} + x^{285} + x^{282} + x^{280} + x^{277} + x^{273} + x^{269} + x^{266} + x^{264} + x^{261} + x^{257} + x^{256} + x^{226} + x^{225} + x^{221} + x^{218} + x^{216} + x^{213} + x^{209} + x^{205} + x^{202} + x^{200} + x^{197} + x^{193} + x^{192} + x^{162} + x^{161} + x^{160} + x^{130} + x^{129} + x^{128} + x^{98} + x^{97} + x^{93} + x^{90} + x^{88} + x^{85} + x^{81} + x^{77} + x^{74} + x^{72} + x^{69} + x^{65} + x^{64} + x^{34} + x^{33} + x^{29} + x^{26} + x^{24} + x^{21} + x^{17} + x^{13} + x^{10} + x^8 + x^5 + x + 1$

./Primpoly.exe -t

$x^{589} + x^{588} + x^{587} + x^{580} + x^{576} + x^{565} + x^{563} + x^{560} + x^{557} + x^{556} + x^{555} + x^{549} + x^{548} + x^{547} + x^{533} + x^{531} + x^{528} + x^{525} + x^{524} + x^{523} + x^{517} + x^{516} + x^{515} + x^{437} + x^{435} + x^{432} + x^{429} + x^{428} + x^{427} + x^{421} + x^{420} + x^{419} + x^{405} + x^{403} + x^{400} + x^{389} + x^{387} + x^{384} + x^{333} + x^{332} + x^{331} + x^{324} + x^{320} + x^{269} + x^{268} + x^{267} + x^{260} + x^{256} + x^{181} + x^{179} + x^{176} + x^{173} + x^{172} + x^{171} + x^{165} + x^{164} + x^{163} + x^{149} + x^{147} + x^{144} + x^{133} + x^{131} + x^{128} + x^{77} + x^{76} + x^{75} + x^{68} + x^{64} + x^{13} + x^{12} + x^{11} + x^4 + 1$

./Primpoly.exe -t

$x^{649} + x^{648} + x^{647} + x^{645} + x^{644} + x^{643} + x^{640} + x^{633} + x^{631} + x^{629} + x^{628} + x^{627} + x^{616} + x^{608} + x^{601} + x^{599} + x^{597} + x^{596} + x^{595} + x^{585} + x^{583} + x^{581} + x^{580} + x^{579} + x^{569} + x^{567} + x^{565} + x^{564} + x^{563} + x^{552} + x^{544} + x^{537} + x^{535} + x^{533} + x^{532} + x^{531} + x^{521} + x^{519} + x^{517} + x^{516} + x^{515} + x^{377} + x^{375} + x^{373} + x^{372} + x^{371} + x^{360} + x^{352} + x^{345} + x^{343} + x^{341} + x^{340} + x^{339} + x^{329} + x^{327} + x^{325} + x^{324} + x^{323} + x^{313} + x^{311} + x^{309} + x^{308} + x^{307} + x^{296} + x^{288} + x^{281} + x^{279} + x^{277} + x^{276} + x^{275} + x^{264} + x^{256} + x^{121} + x^{119} + x^{117} + x^{116} + x^{115} + x^{104} + x^{96} + x^{89} + x^{87} + x^{85} + x^{84} + x^{83} + x^{73} + x^{71} + x^{69} + x^{68} + x^{67} + x^{57} + x^{55} + x^{53} + x^{52} + x^{51} + x^{40} + x^{32} + x^{25} + x^{23} + x^{21} + x^{20} + x^{19} + x^8 + 1$

./Primpoly.exe -t

$x^{751} + x^{750} + x^{748} + x^{746} + x^{744} + x^{743} + x^{742} + x^{740} + x^{739} + x^{738} + x^{736} + x^{723} + x^{707} + x^{687} + x^{686} + x^{684} + x^{682} + x^{680} + x^{679} + x^{678} + x^{676} + x^{675} + x^{674} + x^{672} + x^{655} + x^{654} + x^{652} + x^{650} + x^{648} + x^{647} + x^{646} + x^{644} + x^{643} + x^{642} + x^{640} + x^{623} + x^{622} + x^{620} + x^{618} + x^{616} + x^{615} + x^{614} + x^{612} + x^{611} + x^{610} + x^{608} + x^{595} + x^{579} + x^{559} + x^{558} + x^{556} + x^{554} + x^{552} + x^{551} + x^{550} + x^{548} + x^{547} + x^{546} + x^{544} + x^{531} + x^{515} + x^{275} + x^{271} + x^{270} + x^{268} + x^{266} + x^{264} + x^{263} + x^{262} + x^{260} + x^{258} + x^{256} + x^{19} + x^{15} + x^{14} + x^{12} + x^{10} + x^8 + x^7 + x^6 + x^4 + x^2 + 1$

./Primpoly.exe -t

$x^{879} + x^{878} + x^{876} + x^{874} + x^{872} + x^{871} + x^{870} + x^{868} + x^{867} + x^{866} + x^{864} + x^{851} + x^{835} + x^{815} + x^{814} + x^{812} + x^{810} + x^{808} + x^{807} + x^{806} + x^{804} + x^{803} + x^{802} + x^{800} + x^{783} + x^{782} + x^{780} + x^{778} + x^{776} + x^{775} + x^{774} + x^{772} + x^{771} + x^{770} + x^{768} + x^{659} + x^{655} + x^{654} + x^{652} + x^{650}$

$$\begin{aligned}
& 50+x^{648}+x^{647}+x^{646}+x^{644}+x^{642}+x^{640}+x^{531}+x^{527}+x^{526}+x^{524}+x^{522}+x^{520}+x^{519}+x^{518}+x^{516}+x^{514}+x^{512}+x^{367}+x^{366}+x^{364}+x^{362}+x^{360}+x^{359}+x^{358}+x^{356}+x^{355} \\
& +x^{354}+x^{352}+x^{339}+x^{323}+x^{303}+x^{302}+x^{300}+x^{298}+x^{296}+x^{295}+x^{294}+x^{292}+x^{291}+ \\
& x^{290}+x^{288}+x^{271}+x^{270}+x^{268}+x^{266}+x^{264}+x^{263}+x^{262}+x^{260}+x^{259}+x^{258}+x^{256}+x^{111}+x^{110}+x^{108}+x^{106}+x^{104}+x^{103}+x^{102}+x^{100}+x^{99}+x^{98}+x^{96}+x^{83}+x^{67}+x^{47}+x^{46}+x^{44}+x^{42}+x^{40}+x^{39}+x^{38}+x^{36}+x^{35}+x^{34}+x^{32}+x^{15}+x^{14}+x^{12}+x^{10}+x^8+x^7+x^6+ \\
& x^4+x^3+x^2+1
\end{aligned}$$