calculations of one period of motion (2pi) for each servo

SERVOS	servo 1: 0 (min) < theta < 240 (max)	servo 2: 240 (min) < theta < 0 (max)	servo 3: 0 (min) < theta < 240 (max)	servo 4: 0 (min) < theta < 240 (max)	servo 5: 0 (min) < theta < 240 (max)	servo 6: 240 (min) < theta < 0 (max)	servo 7: 0 (min) < theta < 240 (max)	servo 8: 0 (min) < theta < 240 (max)
Start:	147.40047669198634 while t=-0.00032210350036621094	88.7780988333626 while t=0.0001742839813232422	133.7042680494782 while t=-0.00019311904907226562	153.86573611588165 while t=-0.00020480155944482422	115.46399840461412 while t=-0.00019097328186035156	172.7750128975727 while t=-0.00019884109497070312	130.5676998643115 while t=-0.00020480155944482422	121.2231295489116 while t=-0.00018405914306640625
Point 1	154.2927234496718 while t=-0.0563380718231212012	81.96578819452999 while t=-0.055503129959106445	140.5145496894835 while t=-0.055505990982055664	160.69828050781643 while t=-0.0557069778442328	121.7826374545227 while t=-0.05135989189147949	165.9530346059154 while t=-0.0556111335754394 5	137.34719630550387 while t=-0.05510520935058594	128.03488757128338 while t=-0.05550885200500488
Point 2	159.99231635470315 while t=-0.10880398750305176	76.08503369371587 while t=0.10965418815612793	146.48908414826755 while t=0.1106269359588623	166.67244705968335 while t=-0.11086916923522949	127.57502740645123 while t=0.10376381874084473	160.0754386743926 4 while t=0.10975313186645508	143.3236764528662 while t=0.11015701239945312	133.70231179069782 while t=0.10747408866882324
Point 3	164.45540627185648 while t=-0.16315102577209473	71.60295572377197 while t=0.16472220420837402	150.90506293862595 while t=0.1651599407196045	171.11770685155207 while t=0.16598796844482422	132.2336141771351 while t=0.1586289405822754	155.5904105892165 6 while t=0.1649179458618164	147.7871940939133 while t=0.1651933193206787	138.26265168022957 while t=0.16265010833740234
Point 4	166.9334297065477 while t=0.2170701026916504	69.16020732137466 while t=0.21974825859069824	153.28883681409758 while t=0.21847105026245117	173.50118232625326 while t=0.22066283226013184	134.90935326121445 while t=0.2132558822631836	153.24992808699693 while t=0.21617722511291504	150.21119285338642 while t=0.22023224830627441	140.71138042898446 while t=0.21474719047546387
Max:	167.19164834088713 while t=0.27066493034362793	69.0426718759987 while t=0.27481818199157715	153.47756183193448 while t=0.27266383171081543	173.5751685161617 while t=0.27592897415161133	135.33133820280378 while t=0.2665979862213135	152.92923704171784 while t=0.26810288429260254	150.30743522776953 while t=0.27532005310058594	141.09673699478847 while t=0.26618003845214844
Point 6	165.3823886121946 while t=0.3213648796081543	71.26450265946666 while t=0.3298451900482178	151.33393697513418 while t=0.3278627395629883	171.29887502254846 while t=0.33110404014548 74	133.44894069817673 while t=0.32161974906921387	154.7731268662487 while t=0.3212909698486328	148.27319514336622 while t=0.32685327529907227	139.2396960199335 while t=0.3210549345532227
Point 7	161.3710124244554 while t=0.37646889686558447	75.56133835156801 while t=0.38486814498901367	147.1127107773804 while t=0.3827960491118042	167.34192968777546 while t=0.3820509910583496	129.42676878502886 while t=0.3767390251159668	158.55896027318957 while t=0.3738830089569092	144.0745233538325 while t=0.3819150924682617	135.30101893948807 while t=0.37546205520629883
Point 8	156.01655603105948 while t=0.4287577905960083	81.42551095966611 while t=0.4398972988128662	141.4028146877862 while t=0.4369039535522461	161.73715817912085 while t=0.4353969097137451	123.74559467999879 while t=0.4318418502807617	164.06040356417556 while t=0.4280240535736084	138.45319424667105 while t=0.43543124198913574	129.7483121119937 while t=0.4297120571136474
Point 9	149.37045772826247 while t=0.48397421836 85303	88.16778766850416 while t=0.4949681758880615	135.00917868245284 while t=0.48941493034362793	155.17668206371278 while t=0.48935508728027344	117.06181013469035 while t=0.4870798587799072	170.236871738351 while t=0.4795470237319336	131.75357829233408 while t=0.4904961585998535	123.43639309083588 while t=0.482166051864624
Point 10	142.9629172144587 while t=0.5352790355682373	94.97509102285207 while t=0.5499560832977295	128.2498588063595 while t=0.5437610149383545	148.61370584697622 while t=0.5420780181884766	110.31128880623311 while t=0.5412740707397461	177.00832922029429 while t=0.5337409973144531	124.91454613060573 while t=0.5455441474914551	116.69905156985449 while t=0.5361268520355225
Point 11	136.59416548192715 while t=0.5904650688171387	100.81084435152843 while t=0.6025242805480957	122.48359455208742 while t=0.5945649147033691	142.47072889305008 while t=0.5962309837341309	104.1625985163297 while t=0.595344066619873	183.37825413076507 while t=0.5887000560760498	119.00761145986412 while t=0.5980091094970703	110.34787828815962 while t=0.5912811756134033
Point 12	131.6548337118326 while t=0.64373349319458008	105.52035892305798 while t=0.6575610637664795	117.52081163480523 while t=0.6497139930725098	137.9330998197373 while t=0.646355152130127	99.29031468309888 while t=0.6495857238769531	188.46533142814786 while t=0.6432240009307861	114.14987798537356 while t=0.6531541347503662	105.36308181009862 while t=0.645439863204956
Point 13	128.419805747141 while t=0.6979560852050781	108.25161770313255 while t=0.712644100189209	114.4759103514349 while t=0.704949140548706	134.78133132229 77 while t=0.7009758949279785	96.34330910213846 while t=0.7019839286804199	191.71432864517654 while t=0.6973190307617188	112.24002900198232 while t=0.7083780765533447	102.152984007507 while t=0.7006709575653076
Min:	127.36196516444011 while t=0.7522311210632324	108.6766521622526 while t=0.7676851749420166	113.69934113782226 while t=0.7569999694824219	133.85488595158054 while t=0.756140947341919	95.459970576826 while t=0.757112979888916	192.7999450372553 while t=0.750373125076294	110.59869781373588 while t=0.7599022388458252	101.20357449360175 while t=0.7530090808568408
Point 15	128.64030241717215 while t=0.8072559833526611	106.74785344480406 while t=0.8227293491363525	115.1423493892868 while t=0.8112390041351318	135.2465529009338 while t=0.8100450038909912	96.94461938331591 while t=0.812129020690918	191.70352383277 while t=0.8029448986053467	112.17371191487005 while t=0.8143720626831055	102.43035620820747 while t=0.814372062683109?
Point 16	131.8987646172379 while t=0.8593621253967285	102.69467260836672 while t=0.8777611255645752	118.74436243363729 while t=0.8657989501953125	138.85133955427912 while t=0.865163078444846	100.4583041651432 while t=0.8652467727661133	188.6310977466758 while t=0.8546359539031982	115.91595108903545 while t=0.869246244430542	105.57262664287757 while t=0.8572609424591064
Point 17	136.99857175879558 while t=0.9133250713348389	96.98557541624996 while t=0.9328901767730713	124.1425406330596 while t=0.9208850860595703	144.04980994826025 while t=0.9185879230499268	105.85485771042721 while t=0.9204530715942383	183.81738735854 11 while t=0.9071481227874756	121.3951048169437 while t=0.9242391586303711	110.2597946967625 while t=0.9078829288482666
Point 18	143.41914881460016 while t=0.968433141708374	90.67776486032298 while t=0.9850351810455322	130.6834355383827 while t=0.9760639667510986	150.30699281746007 while t=0.9717369079589844	111.88461265709199 while t=0.9715559482574463	178.06604740870915 while t=0.9575941562652588	127.97233035041558 while t=0.9793500900268555	116.18788217104301 while t=0.9596850872039795
Finish:	147.40047669198634 while t=-0.00032210350036621094	88.7780988333626 while t=0.0001742839813232422	133.7042680494782 while t=-0.00019311904907226562	153.86573611588165 while t=-0.00020480155944482422	115.46399840461412 while t=-0.00019097328186035156	172.7750128975727 while t=-0.00019884109497070312	130.5676998643115 while t=-0.00020480155944482422	121.2231295489116 while t=-0.00018405914306640625

*start and finish at home position --> start=finish