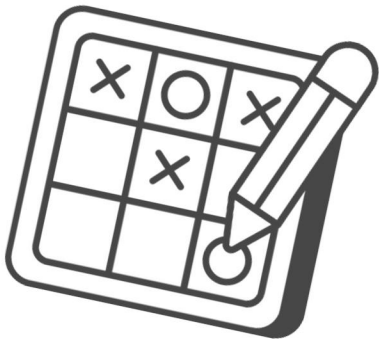


TIC TAC TOE

A CHOOSE YOUR
OWN ADVENTURE ZINE!



Created with Python
by Al Sweigart

al@inventwithpython.com
(Al is not an AI.)

Illustration credit: Rabiya Anwer, Satria Arnata, Mas Putra

HOW DID THIS GET MADE? WITH PYTHON PROGRAMMING!

(AND YOU CAN LEARN HOW TO
MAKE THINGS LIKE THIS TOO!)

Code and explanations at: https://github.com/asweigart/tictactoe_zine

scan --->

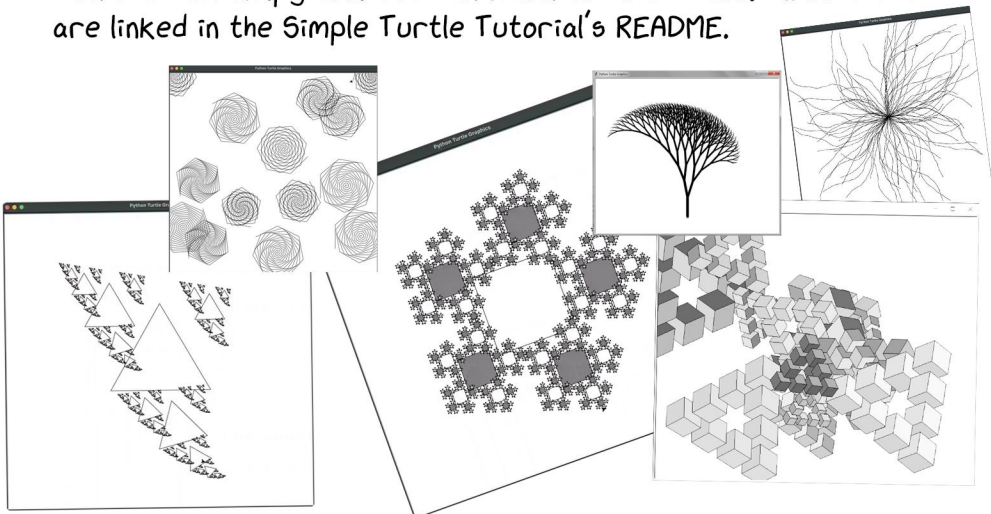


<--- scan

Check out the Simple Turtle Tutorial on making art
with Python and its turtle.py module:

<https://github.com/asweigart/simple-turtle-tutorial-for-python>

I use turtle.py to create recursive fractal art and the “impossible objects” of Swedish artist Oscar Reutersvärd. My free, Creative Commons–licensed book, *The Recursive Book of Recursion* uses turtle.py too. You can learn to do this too! All of these are linked in the Simple Turtle Tutorial’s README.



BLACK LIVES MATTER - TRANS RIGHTS ARE HUMAN RIGHTS

You are X. The zine is 0.
Start on this page at
board #0. Pick a space &
go to its numbered board.

e.g. to move on top-
right, go to board #147

▼

290	233	147
495	8	568
344	531	561

#0

▲
Board number



Text too small?
Use your phone camera
as a magnifying glass.

O	X	O	O	X	X	15	9	X	X	O	X
X	O	40	X	O	O	X	O	71	X	O	X
X	O	X	X	O	X	O	X	O	O	X	O
#1			#2			#3			#4		
O	O	O	O	O	X	X	O	X	O	38	158
	X	X	X	O		O	O	204	507	X	470
-ZINE WON!-			-ZINE WON!-			X	X	O	150	21	546
#5			#6			#7			#8		
O	X	X	X	O	X	O	X	X	O	O	X
X	O		O	X	X	X	O	O		X	
-ZINE WON!-			TIE			TIE			-YOU WIN!-		
O	X	O	O	X	O	O	X	X	X		
#9			#10			#11			#12		
X	X	O	X	O	201	X	O	X	O	X	X
	O	O	363	O	X	X	O	4	O	O	O
-ZINE WON!-			O	X	225	O	X	O	-ZINE WON!-		
#13			#14			#15			#16		
X		X	O	172	O	O	O	X	X	X	O
X	O	X	O	X	X	O	X	X	X	O	
-ZINE WON!-			X			-ZINE WON!-			-ZINE WON!-		
O	O	O	X	245	27	O	X		O		
#17			#18			#19			#20		
O	O	502	O	16	X	X	260	152	O	524	X
505	X	457	174	O	O	O	X	311	X	357	X
373	X	519	X	271	X	O	X	O	O	71	O
#21			#22			#23			#24		

#1 to #24

X	X	O	O	70	X	O	O	O	X	X	O
X	O	63	249	X	O	O	X	X	X		
168	169	O	O	428	X	-ZINE WON!-			-YOU WIN!-		
	#25			#26		X		X	X	O	O

O		O	X	487	7	O	X		O		
	O	X	O	O	92		O			O	X
-YOU WIN!-			X	X	O	-ZINE WON!-			-ZINE WON!-		
X	X	X	X	X	O	X	X	O	X	X	O
	#29			#30			#31			#32	

O	O	X	O	X	O	X	X	O	X	X	O
X	X	O	40	O	X	O	X	O	O	O	O
441	231	249	X	O	X	-ZINE WON!-			-ZINE WON!-		
	#33			#34		X		O	X		X
							#35			#36	

O	O	X	O	X	525	139	X	O	O	X	O
O	X	X	O	X	436	400	O	X	X	O	X
110	X	O	248	469	453	163	O	X	X	TIE	X
	#37			#38			#39			#40	

X	226	383	O		X	203	X	542	X	X	O
O	O	X		O		548	O	X	396	O	O
X	92	O	-ZINE WON!-			X	O	O	X	O	X
	#41			#42			#43			#44	

X	X		O	X	X	X	X	O	O	O	
O	O	O	X	O	O		O		X	O	X
-ZINE WON!-			O	X	11	-ZINE WON!-			-ZINE WON!-		
X	X	O		#46		O		X	X	O	X
	#45						#47			#48	

#25 to #48

O	155	234	529	119	281	O	X	X	O	X	O
X	O	183	X	O	284	O	X	X	X	O	102
O	X	X	O	X	49	-ZINE WON!-			109	155	X
#49			#50			#51			#52		
X	O	X	O	X	X	O	X	O	O	X	X
	O	X	X	520	O	109	99	163	X	O	O
-ZINE WON!-			O	X	O	X	O	X	O	11	X
#53			#54			#55			#56		
X	X	O	O		X	X	X	O	O	X	O
O	O	O		O	X	O	O	X	X	O	X
-ZINE WON!-			-YOU WIN!-			-TIE-			-ZINE WON!-		
X	X		O	X	X	X	X	O	X		O
#57			#58			#59			#60		
X	X	O	O			X	X	O	O	X	O
O	O	X	O	X		X	O	X	O	X	X
59	X	O	-ZINE WON!-			-ZINE WON!-			-ZINE WON!-		
#61			O	X	X	O		O	O		X
			#62			#63			#64		
X		X	X			O	O	X			X
O	O	O	O	O	O	X	X	O		X	X
-ZINE WON!-			-ZINE WON!-						-ZINE WON!-		
X	X	O	X		X	486	O	X	O	O	O
#65			#66			#67			#68		
X	O	X	O	X	X	O		X	X	124	201
X	O		O	X	O	X	O	X	268	O	X
-YOU WIN!-			-ZINE WON!-			-ZINE WON!-			O	X	O
X		O	O		X	O	X	O	#72		
#69			#70			#71					

#49 to #72

O	O	X	O	O	O	O	O	X	O	O	O
X	X	O	X	X		67	X	O	X		X
O	TIE	X	-ZINE WON!-		X	288	159	X	-ZINE WON!-		
	#73			#74			#75			#76	

X	O	O	X	226	383	O	163	O	O	253	249
	O	X	O	O	X	354	O	X	X	X	O
-ZINE WON!-	X	O	X	X	92	O	X	29	X	O	341
	#77			#78			#79			#80	

286	247	X	O	X	X	416	X	X	X	O	X
X	O	X	54	574	179	X	O	O	O	X	
295	O	O	O	X	O	O	X	O	-YOU WIN!-	X	O
	#81			#82			#83			#84	

X	X		X	O	X	O	X	X	O	X	O
X			306	188	386	X	O	X	X	X	O
-ZINE WON!-	O	O	O	256	555	-ZINE WON!-	O		O	TIE	X
	#85			#86			#87			#88	

O	X	O	X		X	X	O	204	X	59	O
X	X	O	O	O	O	O	O	X	O	O	X
-ZINE WON!-	X		O	X	X	X	X	O	X	X	O
	#89			#90			#91			#92	

O	X	O		O	O	O	196	X	X	O	O
O	X	X	X	O	X	215	498	O		X	O
X	TIE	X	-ZINE WON!-		X	22	521	X	-ZINE WON!-	X	O
	#93			#94			#95			#96	

#73 to #96

O	X	X	O	O	O	O	X	O	X	O	X
56	O	O	O	X	X	O	X	93	X	O	177
16	195	X	-ZINE WON!-			X	O	X	O	15	254
	#97			X	X		#99			#100	
O	O	X	O	X	O	O	X		O	109	174
X	O	O	X	O	X	O	O	X	X	O	48
157	X	X	-ZINE WON!-			-ZINE WON!-			X	O	X
	#101			O	X		O	X		#104	
O	X	O	X	X	O		X	O	O	X	O
X	X	O	O	O	X	X	O	X	X	O	
X	O	88	X	O	X	O			X	X	O
	#105			#106			#107			#108	
O	X	O	O	O	X	O	326	127	O		X
X	O	40	O	X	X	X	O	321	O	X	X
X	O	X	-YOU WIN!-			X	359	104	-YOU WIN!-		
	#109			X	O		#111			#112	
O	185	405	X	X	X	X	O	X	X	O	204
160	O	X	X	O		O	X	O	O	O	X
32	X	242	-YOU WIN!-			-YOU WIN!-			X	X	O
	#113			O	O		X	O		#116	
O	O	O	O	X	O		X	O	X	O	X
X	X	O		O	X	X	O		X	O	O
-ZINE WON!-			-ZINE WON!-			-ZINE WON!-			O	135	X
	#117			O	X		O	X		#120	

#97 to #120

X	45	65	O	118	58	O	X	X	X	X	O
O	O	92	183	O	X		O			O	X
X	X	O	O	X	X	-ZINE WON!-			-ZINE WON!-		
#121			#122			#123			#124		

X	O	X	O	301	O	O		X		X	O
286	O	X	354	O	X	X	O			O	
53	201	O	X	29	X	-ZINE WON!-			-ZINE WON!-		
#125			#126			#127			#128		

X	O	X		X	X	O	O	O	X	X	O
O	O	X			X	X		X		O	
X	204	O	O	O	O	-ZINE WON!-			-ZINE WON!-		
#129			#130			#131			#132		

X	X	O	X	O	X	X	O	X	O	O	X
O	X	X	X	O	O	X	O	O	231	X	O
X	TIE	O	X	X	O	-TIE-			466	X	159
#133			#134			#135			#136		

X	O	X	557	46	X	X	X	O	O		X
O	X	X	X	O	O		O	X		O	X
O	10	O	O	X	575	-ZINE WON!-			-ZINE WON!-		
#137			#138			#139			#140		

X	O	X	O	X	X	O	X	O	X	X	O
O	X	O	161	O	425	X	O	X	O	O	X
115	X	O	379	123	97	-ZINE WON!-			X	347	O
#141			#142			#143			#144		

#121 to #144

X	O	X	O	X	X	86	351	X	O	X	X
X	O	217	O		O	318	360	277	X	246	O
69	15	O	-ZINE WON!-			O	560	171	O	O	X
#145			#146			#147			#148		
O	283	X	O	210	O	O	X	X	X	O	X
O	O	266	449	X	518	O	O	X	O	X	10
X	X	165	X	373	323	-ZINE WON!-			O	X	O
#149			#150			#151			#152		
O	89	O	X	O	X	O	X	O	X	X	O
X	X	O	X	O	O	X	O		X	O	
X	513	376	O	135	X	-ZINE WON!-			-ZINE WON!-		
#153			#154			#155			#156		
O	O	X	O	O	X	O	O	X	O		
X	O	O	33	X	458	73	X	O	X	O	X
-YOU WIN!-			12	136	75	O	X	X	-ZINE WON!-		
#157			#158			#159			#160		
O	X	X	X	X	O	O	X	O	O	325	X
X	O		O	O	X	40	O	X	101	O	O
-ZINE WON!-			X	O	106	X	O	X	271	X	X
#161			#162			#163			#164		
O		X	O		X	O	X	X	X	X	O
O	O		O	X	X	X	X	O	X	O	
-YOU WIN!-			-ZINE WON!-			-YOU WIN!-			-YOU WIN!-		
#165			#166			#167			#168		

#145 to #168

X	X	O	201	179	X	480	414	X	O	X	O
X	O	O	71	O	X	356	26	O	O	X	X
-ZINE WON!-											
	X	O	O	X	O	O	302	X	X	O	93
#169			#170			#171			#172		

O	O	O	O	2	X	X	X	O	O	X	O
X		X	X	O	O	20	O	263	X	423	X
-ZINE WON!-											
		X	X	O	X	517	475	47	60	340	O
#173			#174			#175			#176		

X	O	X	59	X	O	O	X	X	X	X	X
X	O	X	O	O	X		O	X	O	O	
-ZINE WON!-						-ZINE WON!-			-YOU WIN!-		
O	O		X	X	O	O	X	O		X	O
#177			#178			#179			#180		

O	X	O	78	43	140	O		O	315	195	X
O	O	X	577	O	X	X	O	X	234	O	O
-YOU WIN!-						-ZINE WON!-					
X	X	X	X	32	O	O	X	X	O	X	X
#181			#182			#183			#184		

O	X		X	X	X		X	O	X	O	X
	O	X					O	X	492	X	137
-ZINE WON!-			-YOU WIN!-			-ZINE WON!-					
	X	O	O		O	O	X		O	569	O
#185			#186			#187			#188		

O	X	X	X	O	15	25	X	161	O	109	464
X	O	87	X	O	363	X	O	259	X	O	48
O	9	56	O	X	516	326	522	O	X	O	X
#189			#190			#191			#192		

#169 to #192

X	O	X	O	X		O	X	X	O	X	X
O	501	O	O			11	O	O	56	O	O
O	X	X	-ZINE WON!-			O	X	X	335	325	X
#193			#194			#195			#196		

X		X	X	O	15			O	X		O
		X	X	O	461	X	O			O	X
-ZINE WON!-			262	X	O	-ZINE WON!-			-ZINE WON!-		
O	O	O	#197			O	X	X	#199		
#197			#198			#199			#200		

X	O	X	X	X	X	X	X	O	X	O	X
4	O	X	O	X		257	O	X	O	O	X
O	X	O	-YOU WIN!-			X	O	O	X	X	O
#201			#202			#203			#204		

413	X	379	120	56	X	X	481	17		X	X
353	O	377	X	O	O	X	O	X		X	
X	31	O	O	234	X	O	268	O	-ZINE WON!-		
#205			#206			#207			#208		

X		X	O	X	O	O			O	X	O
O	X	X	105	X	553	O		X	X	O	102
-ZINE WON!-			X	O	99	-ZINE WON!-			109	155	X
#209			#210			#211			#212		

O	437	471	O	O		O	56	X	O	X	X
O	222	X	X	O		X	O	O	X	O	250
509	211	X	-YOU WIN!-			174	234	X	O	O	X
#213			#214			#215			#216		

#193 to #216

X	O	X	X	O	O	X	576	312	O		O
X	O	X	O	X	X	O	X	238			
O	4	O	X	TIE	O	388	23	O	-YOU WIN!-		
	#217			#218			#219		X	X	X
										#220	

241	450	O	O			279	107	308	O	X	X
255	O	336	O	X	X	X	O	X		O	X
X	506	X	O		X	O	284	327	O		X
	#221			#222			#223			#224	

X	O	O	X	X	O	293	X	O	X	O	
	O	X	O	O	X	O	O	X	X		
-ZINE WON!-	O	X	X	X	59	O	178	X	304	X	O
	#225			#226			#227			#228	

X	O	O	O		X	O	O	X	X	O	322
X	O	X	X	O	X	X	X	O	262	O	91
-ZINE WON!-	O		X	-ZINE WON!-		O	X	73	X	X	O
	#229			#230			#231			#232	

175	X	142	O	11	X	X	O	X	O	O	578
435	O	313	X	O	O	69	O	53	X	O	X
402	530	390	O	X	X	X	322	O	354	330	X
	#233			#234			#235			#236	

O	X		X	258	209	O	X	O	O	X	X
X	O	X	O	X	X	X	X	O	X	X	O
-ZINE WON!-	O	X	O	272	O	O	X	X	O	O	246
	#237			#238			#239			#240	

#217 to #240

X	36	O	O	118	O	O	X		O	O	443
O	O	291	330	O	X	X	O	O	X	X	O
X	419	X	29	X	X	-ZINE WON!-			X	X	O
#241			#242			#243			#244		
O	O	O	O	X	X	O	X	X	O	X	O
O	X	X	X	X	O	X	O	X	O	X	172
-ZINE WON!-			TIE			-ZINE WON!-					
X	X		O	O	X		O	O	X	334	99
#245			#246			#247			#248		
O	O	X	O	X	X	O		X	O	X	O
X	X	O	X	O	X	O	X	X	102	O	X
O	73	X	-YOU WIN!-			-ZINE WON!-			163	118	X
#249			#250			#251			#252		
O	X	246	X	O	X	O	109	O	X	O	X
X	X	O	X	O		X	O	354	15	O	201
O	O	X	-ZINE WON!-			X	482	X	O	X	315
#253			#254			#255			#256		
X	X	O	X	X		63	X	87	X	X	
X	O	X	O	X	X	X	O	X	O	X	
-YOU WIN!-			-ZINE WON!-						-YOU WIN!-		
X	O	O	O	O	O	O	528	O	O	X	O
#257			#258			#259			#260		
X			X	O		X	X	O	O	X	
X	X		X	O			O	X	X	O	X
-ZINE WON!-			-YOU WIN!-			-ZINE WON!-			-ZINE WON!-		
O	O	O	X	X	O	O					O
#261			#262			#263			#264		

#241 to #264

X	O	X	O		X	O	O	X	X		O
384	349	125	O	O	X	X	X	342	X	O	X
343	473	O	-ZINE WON!-			O	X	O	-ZINE WON!-		
	#265		X	X	O		#267		O	X	O
				#266						#268	

X	O	X	X	O	X	O		X	X	278	O
O	O	X		X	X		O	O	O	X	X
O	X	394	O	O	O	X	X	X	O	X	O
	#269			#270			#271			#272	

X	O	O		X	O	X	O	O	X	O	X
O	X	X	X	O		X	X		X	X	O
X	218	O	-ZINE WON!-			X		O	-YOU WIN!-		
	#273		O		X	X		O	O	X	O
				#274			#275			#276	

197	130	X	X	X	O	X		O	114	X	X
24	68	X	O	X	X	X	O	X	X	O	527
O	361	O	-YOU WIN!-			O			-ZINE WON!-		
	#277		O	X	O	O			O	83	O
				#278			#279			#280	

O	9	X	X	X		O	X	X			O
X	O	71	O	O	O	O	O	O	X	O	X
O	X	234	-ZINE WON!-			-ZINE WON!-			-ZINE WON!-		
	#281		X			X	X		O	X	
				#282			#283			#284	

X		X	X	O	X	O	X	X	O	O	X
X			X	O	X	87	O	X		X	O
-ZINE WON!-			-ZINE WON!-			O	151	224	-YOU WIN!-		
O	O	O		O	O		#287		X		X
	#285			#286						#288	

#265 to #288

X	X	O	X	316	265	X	106	O	O	240	X
X	369	526	358	219	451	O	O	X	X	X	O
28	O	O	572	345	O	X	O	X	O	231	249
#289			#290			#291			#292		
X	X	O	O	X	427	O		X	O	194	510
O	O	X	264	O	X	X	O	X	489	62	211
-ZINE WON!-			-ZINE WON!-			-ZINE WON!-			-ZINE WON!-		
O	X		377	185	252	X	O	O	O	X	X
#293			#294			#295			#296		
X	O	X	X	132	332	44	X	O	O	379	X
		X	190	O	14	1	O	163	127	O	140
-YOU WIN!-			-YOU WIN!-			-YOU WIN!-			-YOU WIN!-		
O	O	X	O	X	412	X	O	X	X	149	421
#297			#298			#299			#300		
O	X	O	90	534	X	X	X	O	O	X	O
O	O	X	234	O	O	O	O	106	O	O	X
X	181	X	O	X	X	X	O	X	181	X	X
#301			#302			#303			#304		
O	X	O	X	O	X	X			17	87	X
O	93	X	X	O	177	X		X	X	O	X
-ZINE WON!-			-ZINE WON!-			-ZINE WON!-			-ZINE WON!-		
X	O	X	O	15	254	O	O	O	O	71	O
#305			#306			#307			#308		
O	X	X	O	31	42	X	O	10	X	O	X
	O	X	424	O	32	O	X	X	O	X	137
-YOU WIN!-			-YOU WIN!-			-YOU WIN!-			-YOU WIN!-		
	O	X	X	X	564	O	X	O	84	141	O
#309			#310			#311			#312		

#289 to #312

263	X	287	O	O	O	X	O	X	X	X	O
420	O	X		X	X	135	O	O	289	533	556
O	187	558	-ZINE WON!-			O	X	X	549	497	O
	#313			#314			#315			#316	
O	425	X	100	189	X	O	436	166	478	X	X
230	381	X	X	O	308	O	X	X	X	O	O
140	405	O	O	571	356	18	380	222	O	46	56
	#317			#318			#319			#320	
O			X	O	X	O	O	O	O		X
X	O	X	O	O	204		X			O	X
-ZINE WON!-						-ZINE WON!-			-YOU WIN!-		
X		O	X	X	O	X		X	X	O	X
	#321			#322			#323			#324	
O	X	X	O	X				O	X	O	O
O	O	O	X	O		X	O	X	X	O	X
-ZINE WON!-			-ZINE WON!-			-ZINE WON!-					
	X	X	X		O	O		X	367	X	O
	#325			#326			#327			#328	
408	274	206	O	O	O	X	20	306	X	O	X
X	O	327	X	O	X	X	O	477	15	O	269
O	199	X	-ZINE WON!-			O	529	408	O	X	315
	#329			#330			#331			#332	
O	301	O	O	X	O	O	X	X	77	163	O
500	O	X	O	X		2	O	O	94	O	X
X	29	X	-YOU WIN!-			X	O	X	X	O	X
	#333			#334			#335			#336	

#313 to #336

O	283	X	O	176	O	X	O	X	O	X	O
O	O	266	X	490	X		O	X	X	371	X
X	X	165	76	483	173	-YOU WIN!-			O	X	O
#337			#338			#339			#340		

O	O	73	O	O	X	X	O	X	378	205	300
X	X	O	X	X	X	O	84	129	111	O	182
O	X	X	O	X	O	X	322	O	X	310	221
#341			#342			#343			#344		

X	368	422	121	31	42	X	X	O	O	438	O
198	O	554	424	O	32	O	O	X	173	5	X
121	X	O	X	X	O	X	X	O	79	350	X
#345			#346			#347			#348		

X	O	X	O	O	O	186	X	X	O	453	484
492	X	270			X	280	208	130	80	X	222
O	152	O	-ZINE WON!-			O	82	O	O	62	X
#349			#350			#351			#352		

168	X	O	O	O	O			X	154	56	X
X	O	60	X	O	X	X	X		X	O	O
X	108	O	X		X	O	O	O	O	234	X
#353			#354			#355			#356		

O		X	X	85	285	O	243	462	547	208	X
X	X	X	X	261	307	X	O	O	355	X	68
-YOU WIN!-			O	406	O	X	X	429	O	552	O
#357			#358			#359			#360		

#337 to #360

456	179	X	O	55	O	X	O	O	O	X	551
71	O	X	375	323	126	X	O	X	X	X	O
O	X	O	X	220	X	-ZINE WON!-			105	O	253
#361			#362			#363			#364		
O		O	O	O	X	X	O	O	X	X	180
X	X	X		X	X	X	O	X	O	O	61
-YOU WIN!-			-YOU WIN!-			-YOU WIN!-					
X	O		X		O	X	X	O	45	X	O
#365			#366			#367			#368		
X	X	O	13	X	O	O	X	O	X	X	O
X	X	O	108	O	447	X	X	X	X	O	
-ZINE WON!-						-YOU WIN!-			-ZINE WON!-		
	O	O	X	X	O	O	X	O	O	O	X
#369			#370			#371			#372		
O	O	O	O	X	335	O	O	O	O	O	O
	X		109	O	163	X			X	X	O
-ZINE WON!-						-ZINE WON!-			-ZINE WON!-		
X	X		X	O	X	X		X	X		X
#373			#374			#375			#376		
O	X		X	479	515	O	X	X	O	O	19
	O	X	O	O	446		O		O	X	X
-ZINE WON!-						-ZINE WON!-					
X		O	X	30	66	X		O	245	X	98
#377			#378			#379			#380		
O	51	X	O	195	X	X	O	X	X	O	X
O	X	X	234	O	58	O	O	X	X	492	491
112	251	O	O	X	X	X	204	O	O	15	O
#381			#382			#383			#384		

#361 to #384

O	X	195	X	O	X	X	O	O	X	O	84
455	O	103	177	270	X	O	X	218	O	X	273
O	X	X	O	O	297	X	X	O	X	387	O
#385			#386			#387			#388		
O	64	O	465	X	467	10	O	X	X	X	X
O	X	X	476	O	39	O	X	X			O
27	98	X	299	O	X	O	X	O	-YOU WIN!-		
#389			#390			#391			#392		
X	X	544	X	O	X	O		X	X	X	O
O	O	X	O	O	X	X	O		X	O	O
			-YOU WIN!-			-ZINE WON!-			-YOU WIN!-		
X	O	O	O	X	X		X	O	X	O	X
#393			#394			#395			#396		
O	X	X	13	X	O	O	X	O		X	O
O	O		108	O	447	O	X	X	X	O	X
-ZINE WON!-									-ZINE WON!-		
O	X	X	X	X	O	93	O	X	O	O	X
#397			#398			#399			#400		
O		O	282	X	504	X	O	X	O	56	X
O		X	566	O	O	286	O	X	X	O	O
-YOU WIN!-											
X	X	X	X	514	512	53	201	O	174	234	X
#401			#402			#403			#404		
O		X	X	156	15	O	246	X	X		O
	O	X	X	O	268	X	X	O	X	O	
-ZINE WON!-									-ZINE WON!-		
	X	O	O	X	O	O	O	X	O		X
#405			#406			#407			#408		

#385 to #408

O	X	O	O	O	523	O	X	X	X		O
X	X	O	X	O	330	O	O	X		O	
88	O	X	214	X	X	-YOU WIN!-		X	-ZINE WON!-	O	X
#409			#410			#411			#412		

X	X	O	392	X	X	X	X	O	X	X	X
168	O	459	148	550	O	O	O	O	X	O	O
X	13	O	O	O	X	-ZINE WON!-	X	X	-YOU WIN!-	O	X
#413			#414			#415			#416		

O	X	X	412	128	184	X		O	63	X	87
O	O	X	199	O	122	O	O		X	O	X
-ZINE WON!-			O	X	X	-YOU WIN!-	X	X	O	237	O
#417			#418			#419			#420		

O	335	X	X	O	X	O	X	O	O		
464	O	324	15	O	201	X	X	X	X	O	
X	O	X	322	X	O	-YOU WIN!-		O	-ZINE WON!-	X	X
#421			#422			#423			#424		

O	X	X	O	52	404	O	X	X	O		X
	O	X	X	O	236	O	O	X	O	X	O
-ZINE WON!-		O	485	410	X	417	151	411	-ZINE WON!-	O	X
#425			#426			#427			#428		

O			529	119	138			O	O	493	407
X	O	O	X	O	284		O	X	X	X	O
-YOU WIN!-			O	X	199	-ZINE WON!-	X	X	O	341	X
#429			#430			#431			#432		

#409 to #432

X	X	O	X	O	O	20	X	320	O	X	
O	X	X	O	O	X	X	O	536	O	X	X
133	O	O	X	440	X	O	119	274	-ZINE WON!-		
	#433			#434			#435			#436	

O	X		O	X	O	O	X	O	X	O	O
O		X	102	O	X	155	O	118	O	O	X
-ZINE WON!-									-YOU WIN!-		
O		X	34	118	X	562	X	X	X	X	X
	#437			#438			#439			#440	

O	O	X	O	X	O	O	O	X	O	X	X
X	X	O	X	X	X	X	X	O	X	O	O
-YOU WIN!-			-YOU WIN!-			-YOU WIN!-			-ZINE WON!-		
X			X	O	O	X	X	O	X		O
	#441			#442			#443			#444	

O	123	X	X	162	O	O	X	O	O	X	X
395	O	405	O	O	X		O	X	56	O	O
337	X	164	X	92	434	-ZINE WON!-	X	X	16	325	X
	#445			#446			#447			#448	

O	O	O	303	X	O	X	454	403	O	O	X
X	X		109	O	163	207	O	X	X	X	X
-ZINE WON!-									-YOU WIN!-		
X			X	O	X	41	72	O			O
	#449			#450			#451			#452	

O	X		X	X	O	O	X	11	X	503	X
O	X		63	O	X	X	O	O	O	O	X
-ZINE WON!-											
O		X	226	124	O	O	X	X	O	X	O
	#453			#454			#455			#456	

#433 to #456

O	O	O	O	O	X	X	X	O	O	O	X
	X	X	452	X	X	257	O	X	X	73	O
-ZINE WON!-	X		366	37	O	X	O	O	O	X	X
	#457			#458			#459			#460	

X	O	4	O		X	X	X	O	O	O	X
X	O	X	X	O	O	O	O	293	X	O	
O	X	O	X	X	O	57	X	415	X	O	X
	#461			#462			#463			#464	

X	X	O	O	O	X	O	X	X	X	O	X
372	O	139		X	O	216	O	309	134	O	O
303	O	X	-YOU WIN!-	X	X	335	O	X	X	X	O
	#465			#466			#467			#468	

O	X		O	436	166	O		X	X	O	X
O	X		O	X	X	O		X	15	O	201
-YOU WIN!-	X		538	380	222	-YOU WIN!-	X		O	X	315
	#469			#470			#471			#472	

X	O	X	O	377	140	X	X	O	372	X	O
496	569	O	321	O	X	169	O	O	X	O	400
468	X	O	X	32	333	57	X	415	109	O	X
	#473			#474			#475			#476	

X	O	217	X	X	X	X	X	579	X	O	X
X	O	X	X	O	O	O	O	393	154	541	O
O	363	229	-YOU WIN!-	O		X	45	O	O	193	X
	#477			#478			#479			#480	

#457 to #480

X	X		O		O	O	O	O		X
X	O	X	X	O		X		X	O	X
-ZINE WON!-			-YOU WIN!-			-ZINE WON!-			-ZINE WON!-	
O	O	O	X	X	X		X		O	X
#481			#482			#483			#484	

O	109	464	O	O	X	X	X	O	15	O	X
X	O	500	X	X	O	O	O	59	X	O	543
X	O	X	X	O	X	X	X	O	6	X	O
#485			#486			#487			#488		

O	O	460	O		O	X	O	X	X	O	X
X	570	131	X	X	X	X		X	X	X	
O	X	X	-YOU WIN!-			-ZINE WON!-			-ZINE WON!-		
						O	O	O	O	O	O
#489			#490			#491			#492		

O	X	O	O	X	2	331	191	559	X	O	X
X	X	O	X	O	O	X	O	223	X	276	O
O	239	X	X	O	X	567	430	329	O	X	O
#493			#494			#495			#496		

X	X	O	O	70	X	463	X	O	O	40	O
		O	407	X	O	119	O	187	X	O	X
-ZINE WON!-			O	159	X	370	X	439	X	O	X
	X	O									
#497			#498			#499			#500		

X	O	X	O	O	X	X	X	X		X	X
O	X	O	231	X	19	O	O	X	O	O	O
-YOU WIN!-			O	X	159	-YOU WIN!-			-ZINE WON!-		
O	X	X				O	X	O	X		
#501			#502			#503			#504		

#481 to #504

O	O	O			O	O	364	292	O	11	X
X	X			O		X	X	O	X	O	O
-ZINE WON!-			-YOU WIN!-			153	545	432	O	X	X
	X		X	X	X	#507			#508		
#505			#506								

O	305	O	O		X	X	O	383		X	
O	27	X	O			O	273	X	O	O	O
X	401	X	O	X	X	X	116	O	X		X
#509			#510			#511			#512		

O	O	O		X		X		X	X	O	O
X	X	O	O	O	O	O	O	O	X	O	
-ZINE WON!-			-ZINE WON!-			-ZINE WON!-			-ZINE WON!-		
X	X		X	X		X			O	X	X
#513			#514			#515			#516		

X	X	O	O	172	O	O	O	O	O	X	X
O	O	226	365	X	X		X		X	X	O
X	57	36	X	O	314	-ZINE WON!-			-YOU WIN!-		
#517			#518			#519			#520		

O	146	X	O	X		O	O	X	O	X	X
234	428	O	X	O		X	O	O	X		X
O	X	X	-ZINE WON!-			157	X	X	-ZINE WON!-		
#521			#522			#523			#524		

O	X	X	X	X	O		X	X		X	O
O	X		X		X	X	O	X	X	O	X
-ZINE WON!-			-ZINE WON!-			-ZINE WON!-			-ZINE WON!-		
O			O	O	O	O	O	O	O	X	O
#525			#526			#527			#528		

#505 to #528

X		O	132	X	O	298	499	445	201	179	X
X	O		119	O	227	50	O	539	71	O	X
-ZINE WON!-											
O	X		398	X	128	346	X	418	O	X	O
#529			#530			#531			#532		

X	X	O		X	X	O	X	X	O	X	87
	X	O	O	O	O	9	O	151	X	O	X
-ZINE WON!-			-ZINE WON!-								
		O	O	X	X	O	X	397	O	143	102
#533			#534			#535			#536		

O	X	O	O	172	O	200	187	170	X	X	O
409	X	399	O	X	X	284	O	X	O	X	
									-YOU WIN!-		
99	O	X	X	245	27	O	X	431		X	O
#537			#538			#539			#540		

X	O	X	O	X	X	O	O	X	X	X	X
	X	O		O	X	X	O	X	O	O	X
-YOU WIN!-			-ZINE WON!-			-ZINE WON!-			-YOU WIN!-		
O		X	X	O	O		X	O	X	O	O
#541			#542			#543			#544		

O	O	231	O	537	O	X	202	X	O	X	
X	X	O	74	X	389	O	X	209	X	O	X
									-ZINE WON!-		
244	X	117	323	519	X	O	152	O	X	O	O
#545			#546			#547			#548		

X	X	O	O	X	X	O	X	X	152	O	X
		O	246	X	O	X	X	O	267	X	391
-ZINE WON!-											
X		O	O	O	X	167	O	O	O	X	O
#549			#550			#551			#552		

#529 to #552

O	X	O	X	O	201	X	O	X	X	X	O
442	X	X	328	O	X	254	O	339	63	O	X
X	O	O	573	X	O	O	315	X	144	124	O
#553			#554			#555			#556		
X	O	X		X	O	145	161	X	472	535	X
X	O	O		O	X	X	O	81	3	O	532
-ZINE WON!-											
O	X	135	O		X	127	488	O	O	X	382
#557			#558			#559			#560		
O	565	95	O	X	O	X	O	O	O		
426	352	213		O		275	X	273		O	
-YOU WIN!-											
362	296	X	X	X	X	X	96	O	X	X	X
#561			#562			#563			#564		
O	X	448	O	X	444	O	326	127	O	294	317
212	O	252	X	O	O	X	O	321	338	319	X
374	385	X	X	243	494	X	424	192	474	113	348
#565			#566			#567			#568		
X	O	X	O	O	O	O	9	X	X	O	235
276	X	O	X	X		X	O	71	228	563	511
-ZINE WON!-											
O	X	O	O	X	X	O	X	508	X	232	O
#569			#570			#571			#572		
X	O	204	O	X	X	135	O	X	X	X	O
O	O	X		X		X	O	O	O	X	433
-YOU WIN!-											
X	X	O	O	X	O	O	X	X	35	540	O
#573			#574			#575			#576		

#553 to #576

O			O	O	X	X	X	X
X	O	X	X	O	X	O	O	
-ZINE WON!-			-YOU WIN!-			-YOU WIN!-		
X		O			X	X		O
#577			#578			#579		

#577 to #600



Al Sweigart is a software developer, artist, Python Software Foundation Fellow, and author of several popular programming books including Automate the Boring Stuff with Python, The Big Book of Small Python Projects, and The Recursive Book of Recursion.

His books are free under a Creative Commons license at:

<https://inventwithpython.com>

The 3rd edition
of Automate the
Boring Stuff with
Python is out!

nostarch.com

