	0 1		5	#??#
0 0	0	Magic Dat Evample	3	0
1	/	Python for		1
2		TWEINOIL IOI		2
3				3
4		Designers		4
5		De 21811012		5
6 1	1	50 ideas to start. Using BageBot.		6
7		Introduction		7
8		This is course is about Python. If you now		8
9		think that it's about snakes and not about pro-		9
10		gramming, you don't want to continue. But if		10
11		you are here with the expectation that you		11
12 2	2	will learn about programming techniques and		12
13		objects and classes dedicated for the design		13
14		practice, then you are on the right track. By the		14
15				15
16		fession, in order to follow this course his		16
17		way, you don't have to be a designer by pro- fession, in order to follow this course his y start from scratch, using daily life examples to visu-		17
18 3	3	daily life examples to visu-		18
19		alize the programs. Their structure, their behavior and their usage. That is a		19
20		structure, their benavior		20
21		and their usage. That is a		21
22		different approach from		22
23		many other programming		23
	4	many other programming courses, which often start with a technical solution in		24
25		with a technical solution in		25
26		search for a problem.		26
27		is that we		27
28		really start from scratch, using daily life exam-		28
29		ples to visualize the programs. Their structure,		29
30 5	5	their behavior and their usage. That is a differ-		30
31		ent approach from many other programming		31
32		courses, which often start with a technical		32
33		solution in search for a problem.		33
34				34
35		H3 header here		35
36 6	1 This is the text of the footnote.	There will be a lot of coding in this course. But		36
37	Which can be a very long foot-	I'll try my ultimate best to clarify as much as I		37
38	note to run over multiple lines	can and to relate everything to practical prob-		38
39	with indented left margin.	lems that you can recognize and visualize. I		39
40	2 This is another footnote on the	am pretty sure that you will see that program-		40
41	same page.	ming is not as magic as some programmers		41
42 7	7 3 This is the text of the footnote.	want you to believe. And what is more impor-		42
43	Which can be a very long foot-	tant, knowing about how programming works		43
44	note to run over multiple lines	yourself, can actually save you a lot of time.		44
45	with indented left margin.	Even if you don't want to be a programmer.		45
46		The course is set up as a growing environ-		46
47				47
48 8	8			48
49				49
50				50

	0 1		#??#
0 (		has programmy The course is get up as a	0
1		to be a programmer. The course is set up as a growing environment. Because the develope and increased knowledge and	
2		a design process in itself -	2
3		increased knowledge and	3
		understanding about how it should be done – there will	
5		should be done - there will	5
5	1	be continuous improve-	6
7	-	ment on the code and the	
		examples. Feedback from subscribers and the regular	/
9		subscribers and the regular	8
		updates of Python make that the course will adapt	
10		that the course will adapt	10
11		and grow over time. So the	11
12 2	2	subscription fee of the	12
13		subscription fee of the course will grow too.	13
14			14
15		of a course	15
16		like this is a design process in itself – in-	16
17		creased knowledge and understanding about	17
18	3	how it should be done – there will be continu-	18
19		ous improvement on the code and the exam-	19
20		ples. Feedback from subscribers and the regu-	20
21		lar updates of Python make that the course	21
22		will adapt and grow over time. So the sub-	22
23		scription fee of the course will grow too.	23
24	4		24
25		This makes the plan for course into an alter-	25
26		native construction of a kickstart project. If	26
27		you are an early adapter, trusting that the	27
28		course will grow and develop in a direction	28
29		that you need, then you just pay the current	29
30		amount. After that every addition is available	30
31		free of charge. The Udemy courses always	31
32		have a lifetime subscript on for the fee that	32
33		you initially paid for it. If you wait for a few	33
34		months, more content will be added and the	34
35		price will be subsequently higher, adding ap-	35
36	2 This is another footnote on the	proximately \$16 per hour video.	36
37		Another H3 header here	37
38	same page.	Any time you jump on the bandwagon, you	38
39	3 This is the text of the footnote.	will pay the price as it is at that moment,	39
40	Which can be a very long foot-	based on the volume of the content at that	
	note to run over multiple lines		40
41	with indented left margin.	we.ll.develop.the.course	41
42		moment. Relatively low in the beginning, Weill develop the course further. We start with 2	42
43		hours of instructions and	43
44		examples. If you wait for a	44
45		January Control of the Control of th	45
46			46
47			47
48 8	3		48
49			49
50			50

		1	while, you the same of are a design other reasing your personal ready usexpect to ture, then ing environed be profital are many around shipotential of Python, butions in selem to be gramming practice reapproach, achieve so what is the can be done reading the same control of the same co	will pay	more for	5	#??#	
0 0	O O	<u> </u>	the same	content. S	o, if vou	3		0
1			are a design	ner, or vo	ou have			1
7			other reas	ons to us	e Python			1
2			in vour pr	ofessiona	l life or			2
5			vour perso	nal life v	7011 are			3
4			already us	sing Pytho	on or voll			4
5			expect to	do that in	the fu-			5
6 1			ture then	ioining th	is grow-			6
7			ing enviro	nment is	likely to			7
8			he profital	hle for vo	There			8
9			are many	acod exa	mnlec			9
10			around sh	dwing the	o grant			10
11			notential	of program	mming in			11
12 2			Dython by	or program				12
13			tions in so	nrch for	nroh			13
14			lom to bo	colved H	prob-			14
15			gramming	sorveu. O	Silig pro-			15
16			granning	ili your c	rational			16
17			practice re	Von wor	teverseu			17
18 3			approach.	You wan	1 10			18
19			achieve sc	meining	and			19
20			what is the	e best pai	defin this			20
21			can be do	ne. Instea	u 01			21
22			reading in	e transia	tion or			22
23			reading th "Do you ki station is?	now when	ie the			23
24 4			station is?	in a tou	rist			24
25			guide, you conversat	are inter	estea in			25
26			conversati	ions in th	1S 101-			26
27			eign langu can decide This cours	lage wher	e you			27
28			This source	e on the t	opic.			28
29			Inis cours	se is tryin	giodo			29
30 5			that. And	since thes	se pat-			30
31			terns are s	so divers	and			31
32			changing oneed an en	overume,	you			32
33			need an ei	nvironme	nt that			33
34			will adapt	and grow	v, instead			34
35			will adapt of present to" course	ing a fixe	a now			35
36 6			to course	. At the el	na of the			36
37			course an	overview	or pos-			37
38			sible futur	e topics	s given.			38
39								39
40			we'll develop the	e course furthe	r. We start with			40
41			2 hours of instru	ctions and exar	mples. If you			41
42 7			wait for a while,	you will pay m	ore for the			42
43			same content. Sc	o, if you are a de	esigner, or you			43
44			have other reaso	ns to use Pytho	n in your pro-			44
45			fessional life or y	our personal li	fe, you are al-			45
46			ready using Pyth	on or you expe	ct to do that io			46
47								47
48 8								48
49								49
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	0	1	2	3	4	5	#??#	
0 0			you expect to d	lo that in the futu	are, then join-			0
1				g environment is				1
2				ou. There are ma				2
3				owing the great p				3
4				n Python, but mo				4
5				for a problem to				5
6 1				ng in your daily p				6
/				ed approach. You				/
9				ing and what is				8
10				done. Instead of				10
11				Do you know wh				11
12 2				guide, you are in				12
13				n this foreign lar on the topic. Th				13
14				t. And since thes				14
15				hanging overtim				15
16				nat will adapt and				16
17				fixed "how to" c				17
18 3				se an overview o				18
19			ture topics is gi		or possible ru			19
20			tare topics is a	VOII				20
21			This list will be	maintained over	r time, adding			21
22				eds expressed by				22
23				he development				23
24 4				stay in sync with				24
25			the outside wo	rld. To what exte	nt this will			25
26			succeed is a fut	ture promise, but	by joining in			26
27			at early stage, y	ou express the t	rust that this			27
28				a reward for this				28
29				nt for the curren	t price.			29
30 5			Subhead here					30
31			This course is	the twin of Proce	ssing for De-			31
32			_	Much of text is t				32
33				Processing and				33
<del>34</del> 35				e code examples	-			35
36 6			_	at they are adapt	-			36
37				guage. And in the	_			37
38				he examples sta	_			38
39				ailable function	\			39
40				can decide to g	_			40
41			_	want to learn the				41
42 7			-	dy have a prefer				42
43				then following o				43
44				ay be sufficient a sh on programmi				44
45			_	sn on programmi n the expertise tl				45
46				ment, that is a v				46
47			iii your environ	imem, mai is a V	ery practical			47
48 8								48
49								49
50								50
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				3	4	5	#??#	
0 0		_	environment th	at is a very prac	tical reason	3		0
1				be based on the				1
2				the languages. In				2
3				each of there la				3
4				ary about their c				4
5				sed on Java, an i				5
6 1				mming language				6
7				needs to be spec				7
8				m. Python has a				8
9				es, which make				9
10				amming, but it is				10
11				es where the pre				11
12 2				on is important.				12
13				on much more f				13
14				nation. Especial				14
15				the storage in t				15
16				allow Python to				16
17								17
18 3				are very hard to	acmeve m Pro-			18
19			cessing.					19
20			Subhead here					20
21			_	ocessing is more	_			21
22				es, – focussed on				22
23				Python, Python				23
24 4				l inside web serv				24
25	-		scripting langua					25
26			such as FontLab		_			26
27				ns are more linea				27
				pecific task, whe				28
28				o be part of large				
29			that respect Pyt	hon should be m	ore compared			29
30 5	)		on the level of J	ava, the languag	e that Process-			30
31			ing is built on to	p of. Another di	fference is the			31
32			amount and typ	e of available lib	raries of code			32
33			is another imp <mark>o</mark>	rtant factor. The	re a some mi-			33
34				in the syntax of				34
35			guages – minor,	but for some pe	ople they are			35
36 6			really annoying,	being accustom	ed to one kind			36
37			of notation, sucl	h as the use of c	urly brackets			37
38			to indicate the s	start and end of	olocks of code			38
39			in Processing (a	nd Java) and the	way Python			39
40			detects the start	and end of a blo	ock: entirely by			40
41				ent of a set of co	<b>\</b>			41
42 7			course the diffe	rences between	Processing			42
43			and Python will	be mentioned if	that is really			43
44			_	his course will n				44
45			_	ssing in the desi				45
46								46
47								47
48 8	3							48
49								49
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