0	1 2 3 4 5	6
0 0	ThesisBot Example	0
1	Petr van Blokland	
2	reti vali biokialiu	2
3		3
4		4
5		5
6 1	Dagionarg	6
7		/
8	50 ideas to start. Using BageBot. Introduc -	8
9	tion This is course is about Python. If you now	9
10	think that it's about snakes and not about pro-	10
11 12 2	gramming, you don't want to continue. But if	11
13	you are here with the expectation that you	12
13	will learn about programming techniques and	13
15	objects and classes dedicated for the design	14
16	practice, then you are on the ri <mark>ght</mark> track. By the	
17	way, you don't have to be a designer by pro-	16 17
18 3	fession, in order to follow this course. It's	17
19	characteristic is that we really start from	19
20	scratch, using <mark>daily life</mark> exampl <mark>es to visualize</mark>	20
20 21	the programs. Their structure, their behavior	20
22	and their usag <mark>e.</mark> That is a differ <mark>ent</mark> approach	22
23	from many other programming courses, which	23
24 4	often start with a technical solution in search	23
25	for a problem.	25
26	is that we really start from scratch, using daily	26
27	life examples to visualize the programs. Their	27
28	structure, thei <mark>r</mark> behavior and their usage. That	28
29	is a different approach from many other pro-	29
30 5	gramming courses, which often start with a	30
31	technical solution in search for a problem.	31
32	There will be a lot of coding in this course. But	32
33	I'll try my ultimate best to clarify as much as I	33
34	can and to relate everything to practical prob-	34
35	lems that you can recognize and visualize. I	35
36 6	am pretty sure that you will see that program-	36
37	ming is not as magic as some programmers	37
38	want you to believe. And what is more impor-	38
39	tant, knowing about how programming works	39
40	yourself, can actually save you a lot of time.	40
41	Even if you don't want to be a programmer.	41
42 7	The course is set up as a growingen viron-	42
43	ment. Because the development of a course	43
44	like this is a design process in itself – in	44
45	creased knowledge and understanding about	45
46	how it should be done - there will be continu-	46
47	ous improvement on the code and the exam	47
48 8		48
49		#??# 49
50		50

	0	1	2	3	4	5	6	
0 0			understanding	about how it sho	uld be done –			0
1			there will be continuous improvement on the					
2			code and the e	xamples. Feedbac			2	
3				e regular updates			3	
4				course will adapt			4	
5			time. So the su			5		
6 1			grow too.	bacifption icc of t			6	
7				e this is a design p	rogogg in itgolf	F		7
8			1					8
9				wledge and und				9
10				nduld be done – tl				10
				provement on the				
11				lback from subsc				11
12 2				s of Python make				12
13				pt and grow over				13
14				e of the course w				14
15				plan for course i				15
16				ction of a kickstar				16
17			you are an earl	y adapter, trustin	g that the			17
18 3			course will gro	w and develop in	a direction			18
19			that you need,	then you just pay	the current			19
20			amount. After t	hat every additio	n is available			20
21			free of charge.	The Udemy cours	ses always			21
22				subscription for				22
23				id for it. If you wa				23
24 4				content will be ac				24
25				bsequently highe				25
26				6 per hour video.				26
27				ındwagon, you wi				27
28				that moment, bas				2.8
29				itent at that mom				29
30 5				nning, putting yo				30
31								31
32				e'll develop the co				32
33				2 hours of instruc				33
				wait for a while, y				_
34				ime content So, if				34
35				nave other reason				35
36 6				professional life				36
37				are already usi n g				37
38			expect to do th	at in the future, t	hen joining			38
39				nvironment is like	_			39
40			itable for you.	There are many g	odd examples			40
41			around showin	g the great poten	tial of pro-			41
42 7			gramming in P	ython, but most a	re solutions in			42
43				oblem to be solve				43
44				our daily practice				44
45				ch. You want to a				45
46				is the best patter				46
47			and wild	. 13 tile bost pattor	LILIS GUIT DO			47
48 8								48
49							#??#	49
50								50
30								30

			3	4	5	6		
0	0	pattorn this an	n ha dana Ingtan	d of ronding			0	
1	0	pattern this can be done. Instead of reading						
		the translation of "Do you know where the station is?" in a tourist guide, you are interest-						
2								
3			tions in this forei			3		
4			decide on the to			4		
5			g to do that. And			5		
6	1	patterns are so	divers and chan			6		
7		you need an e	nvironment that	will adapt and			7	
8		grow, instead o	presenting a fix	red "how to"			8	
9		course. At the	end of the course	an overview			9	
10		of possible fut	are topics is given	n. This list will			10	
11		be maintained	over time, addin	g wishes and			11	
12	2	needs expresse	ed by you, the use	er of the			12	
13			velopment of the				13	
14			ync with changes				14	
15			extent this will s				15	
16			out by joining in a				16	
17			e trust that this v				17	
18	3		is trust you get a				18	
19			rrent price. This c				19	
20							20	
21			sing for I esigners				21	
22			ame, as the struct				22	
23			thon is v <mark>ery simi</mark>					
	4		are very much a				23	
24	4		dapted to the syn				24	
25			in the advanced				25	
26			amples start to d				26	
27			lable functions a				27	
28			can decid <mark>e to go t</mark>				28	
29		courses if you	want to learn the	e differences.			29	
30	5	But if you alrea	ady have a prefer	ence or you			30	
31		made a choice	, then following c	only one of the			31	
32		two courses m	ay be sufficient a	as a start. If you			32	
33		are starting fre	sh on programm	ing, the choice			33	
34			on the expertise t				34	
35			nment, that is a v				35	
36	6		oice also be base				36	
37			between the lang				37	
38			deepening in ea				38	
39			a brief summary				39	
40			. Processing is ba				40	
41							41	
42	7		ngth programmin				42	
43	,		e of objects needs		l .		43	
44			program. Pythor				44	
45			ge of types, which					
			rogramming, but				45	
46		able in circum	stances where th	e prediction of	\		46	
47							47	
48	8					#22."	48	
49						#??#	49	
50							50	
	1	4 1						

	1	2	3	4	5	6	
0 0		in circumstance	es where the pre	diction of			0
1		flawless execut			1		
2			on much more f			2	
3			mation. Especiall			3	
4			the storage in t			4	
5			allow Python to			5	
6 1			are very hard to			6	
7			gin of Processing				7
8			nages, – focussed				8
9			an Python. Pytho				9
10			l inside web serv				10
11		scripting langua	ige in desktop ap	plications			11
12 2			and RoboFont. I				12
13			ns are more linea				13
14			pecific task, whe				14
15			o be part of large				15
16			hon should be m				16
17			ava, the language				17
18 3			p of. Another dif				18
19			e of available lib				19
20			rtant factor. The				20
21			in the syntax of				21
22			but for some pe				22
23			, being accustom				23
24 4			h as the use of cu				24
25			start and end of b				25
26		in Processing (a	nd Java) and the	way Python			26
27		detects the star	and end of a blo	ock: entirely by			27
28		the amount ind	ent of a set of co	de line. In this			28
29		course the diffe	rences between	Processing			29
30 5		and Python will	be men ioned if	that is really			30
31		important, but t	his course will m	nainly focus on			31
32		the use of Proce	ssing in the desi	gn practice.			32
33							33
34							34
35							35
36 6							36
37							37
38							38
39			1				39
40							40
41							41
42 7							42
43							43
44							44
45							45
46							46
47							47
48 8						#??#	48
49						# : : #	49
50							