





## LIST COMPREHENSION

1) düz list comp	DO THIS <div>[i**2</div>	FOR THIS COLLECTION <div><u>for</u> i <u>in</u> liste_1]</div>	<div>liste_1 = [1,2,3,4,5] empty_list = [] for i in liste_1:     empty_list.append(i ** 2)  print(empty_list)</div> <div>1</div>	
2) if ile list comp	DO THIS <div>[i</div>	FOR THIS COLLECTION <div><u>for</u> i <u>in</u> liste_2</div>	IN THIS SITUATION <div> if i % 2]</div>	<div>evens = [] for i in liste_2:     if i % 2 == 0:         evens.append(i)</div> <div>2</div>
3) if else ile list comp	DO THIS <div>[i</div>	IN THIS SITUATION <div> <u>if</u> i%2==1 <u>else</u> i**2</div>	FOR THIS COLLECTION <div><u>for</u> i <u>in</u> liste_3]</div>	
4) Neste d if ile list comp	DO THIS <div>[i</div>	IN THIS SITUATION <div> <u>if</u> i%2==0 <u>else</u> i**2</div>	FOR THIS COLLECTION <div><u>for</u> i <u>in</u> liste_3</div>	IN THIS SITUATION FIRST <div><u>if</u>  is_even(i)     ]</div>
		<div>empty_list = [] for i in liste_3:     if is_even(i) :         if i % 2:    empty_list.append(i)         else:       empty_list.append(i ** 2)</div> <div>4</div>	<div>liste_3 = [1,2,3,4,5,6,7,8,9] empty_list = [] for i in liste_3:     if i % 2:  --&gt; empty_list.append(i)     else:     --&gt; empty_list.append(i ** 2)</div> <div>3</div>	