**List comprehension**

**[exp for x in iterable if condition ]**

**[x\*\*2 for x in range(10) if x % 2==0 ]**

**[exp for x in iterable if condition1 if condition2 ...]**

**[x for x in range(10) if num % 2 == 0 if num > 5]**

**[exp1 if cond else exp2 if cond else exp3 for x in iterable]**

**[x\*\*2 if x<5 else x//2 if x>5 else x for x in iterable]**

**Dict comprehension**

**{key\_exp: value\_exp for x in iterable if condition }**

**{x : x\*\*2 for x in Range(10) if x % 2 == 0}**

**Syntax of lambda function  
lambda arguments : expression   
lambda a : a+10**

**lambda arguments : trueValue if cond1 else falseValue  
lambda x,y : x if x<y else y**