|  |  |
| --- | --- |
| my\_range=range(0,100) print(my\_range) #generates a range object | range(0, 100) |
| nos =list(range(0,10)) print(nos) | [0, 1, 2, 3, 4, 5, 6, 7, 8, 9] |
|  |  |
| even=list(range(0,10,2)) odd=list(range(1,10,2))  print(even) print(odd) | [0, 2, 4, 6, 8]  [1, 3, 5, 7, 9] |
| ms\_str="abcdefghijklmnopqrstuvwxyz" print(ms\_str.index("c")+1) #bc it starts from 0 print(ms\_str[2]) | 3  c |
| small=range(0,10) print(small.index(6)) print(small[6]) | 6  6 |
| #if divisible by 7  seven=range(7,100,7) #7 to 1000, increment by 7 x=int(input("enter any val : ")) *if* x *in* seven:  print("{} is divisible by 7".format(x)) | enter any val : 7  7 is divisible by 7 |
| my=small[::2] #applying on an existing range that has no incremt val print(my) print(my.index(8)) #0,2,4,6,8 | range(0, 10, 2)  4 |
| dec=range(0,100) print(dec) new\_dec=dec[3:30:5] print(new\_dec) | range(0, 100)  range(3, 30, 5) |
| *for* i *in* new\_dec:  print(i) | 3  8  13  18  23  28 |
| *for* i *in* range(3,30,5):  print(i) | 3  8  13  18  23  28 |
| print(new\_dec==range(3,30,5)) | True |