

Activity 17



Demonstrate your understanding of iteration.

1. Use tracing to determine the program output based on different loop ranges. Then, complete the table below.

```
1. for x in range (0, 5, 1):  
2.     print("x")
```

Loop range	Output
range(0, 5, 1)	0, 1, 2, 3, 4
range(0, 15, 3)	
range(-20, 5, 2)	

2. Plan the loop range required for the program to produce the following outputs. Then, complete the table below.

Output	Loop range
-1, 0, 1, 2, 3	
0, 5, 10, 15, 25	