## Workout Activity

Objective and/or content: UST (OMPTHUSION Activity Duration: 10 MIHUTES

Please provide a **DETAILED** activity breakdown below (and/or attached).

Tutorina

I will give the student a list of values with 3 questions. The first question will not require list comprehension but will allow us to see if the student understands iterating through a list and using modulo tunction. Once completed we can move onto converting those steps in a list comprehension. I would like to make sure the student can verbally explain what is nappening in each step while showing output at each step.

my\_list=[1,2,3,4,5]

Please show the output-for all quertions

1) print even numbers. for i in my-list:

 $\begin{array}{c}
\text{or } (in Mg - M ) \\
\text{if } i / 2 == 0 \\
\text{punt}(i)
\end{array}$ 

output:

24

2.) Now use list comprehension to create a new list of even values of my-list new-list = [n for n in my-list if n'/. 2 == 0] print (new-list)

new-list=[2,4] new-list=[2,4] new-list=[2,4]

3) Using list comprehension, how would you oreale a new list that takes the even value of my-list and makes the value 3 times larger?

New-list=[n\*3 for n in my-list (f n 1.2 = 0]

Print (new\_list)

new-11st=[6,12]

Ele,12]