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compliance with the highest standards in educational content creation and publishing. By functions, as a replacement for loop here. So, let's get started! How to Make a Multiplication number (say 4) in Python. The desired output must be like this: $5 \times 1 = 5 \times 2 = 10 \times 5 \times 1 = 5 \times 1 =$	y Mradula Mittal Python is an easy-to-learn language. As a beginner, you must be tion Table in Python? Before jumping into different ways, let's take a look at our $3 = 15$ $5 \times 4 = 20$ $5 \times 5 = 25$ $5 \times 6 = 30$ $5 \times 7 = 35$ $5 \times 8 = 40$ $5 \times 9 = 45$ $5 \times 9 = 45$ once_variable_name in (iterable or range):{ code } Let's create a multiplication to the of ", num) for i in range(1, 11): print(f" {num} $\times \{i\} = \{num^*i\}$ ") Output: The mathematical three range() function is: range(initial, last, step) with the default values of the initial tecute a statement as long as a condition is true. You can also use a while loop to	e well-equipped with loops within Python. In this article, we will learn how to create problem statement. Problem Statement: Create a Multiplication Table for any numb x 10 = 50 or [4, 8, 12, 16, 20, 24, 28, 32, 36, 40] Let's move on to obtaining these stable for a number using 'for loop' in Python: # Program: Multiplication Table in Pythoultiplication table of 5 5 x 1 = 5 5 x 2 = 10 5 x 3 = 15 5 x 4 = 20 5 x 5 = 25 5 x 6 = 100 table table table of 3 table table of 3 table table table of 3 table	cience, ensuring each piece is meticulously reviewed by a team of seasoned editors to guarantee a multiplication table in python, to understand the basics of loops. You'll also learn to use lambda per in Python Example: Let's say you need to generate and display a multiplication table for a colutions. 01) Using For loop The for loop is used to repeat a block of code a specified number of non # number num = 5 # let's take a syntax for our table - num x (1 - 10) = num*(1-10) # Since $30.5 \times 7 = 35.5 \times 8 = 40.5 \times 9 = 45.5 \times 10 = 50$ The range() function, as the name suggests, function above, since range() in Python does not include the last number, i.e. it provides a put: # Program: Multiplication Table in Python # number num = 5 # let's take a syntax for our
table - num $x(1-10) = num^{*}(1-10) \#$ Since we're taking the table to 10, hence we'll itera	ite it 10 times print("The multiplication table of ", num) # initialize i for range co	unt = 1 while count	