

## INSTANT AI Task 2

1. Write a Python program to find those numbers which are divisible by 7 and multiple of 5, between 1500 and 2700 (both included).
2. Write a Python program to convert temperatures to and from celsius, fahrenheit.  
[ Formula :  $c/5 = f-32/9$  [ where c = temperature in celsius and f = temperature in fahrenheit ]
3. Write a Python program to construct the following pattern, using a nested for loop.  
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  4. Write a Python program that accepts a word from the user and reverse it.
  5. Write a Python function to find the Max of three numbers.
  6. Write a Python function to sum all the numbers in a list.
  7. Write a Python program that prints all the numbers from 0 to 6 except 3 and 6.  
Note : Use 'continue' statement.
  8. Write a Python function to calculate the factorial of a number (a non-negative integer). The function accepts the number as an argument.
  9. Write a Python function that takes a list and returns a new list with unique elements of the first list.
  10. Write a Python program to create a lambda function that adds 15 to a given number passed in as an argument, also create a lambda function that multiplies argument x with argument y and print the result. *Bonus*