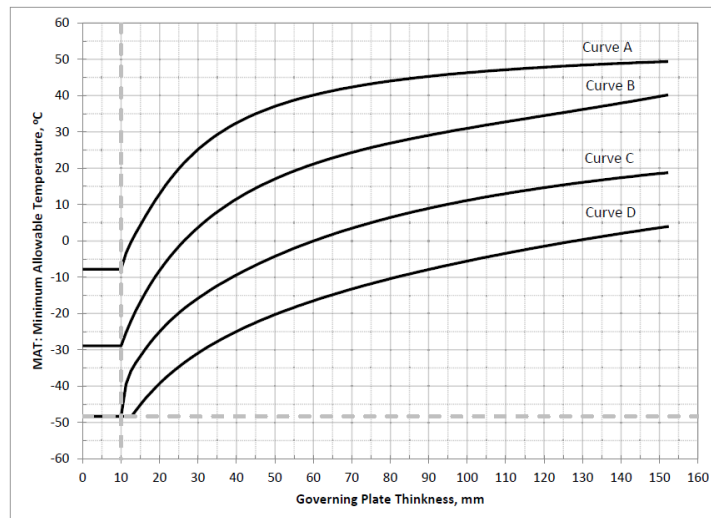


Use your skills to provide solution to the following. You can use any of the programming languages.

1. Find and print first 50 numbers of a series of integer number those are divisible by number 27.
2. Provide a solution to determine length of 3rd side of a triangle if length of two sides and opposite angles are known. The formula is $c^2 = a^2 + b^2 - 2ab \cos(\Phi)$. Given values of variables a, b and Phi are known – determine value of 'c'.
3. Plot a X-Y chart for values of x from 1 to 100 and corresponding values of y using the equation of $y = mx + c$ where of $m = 1.394$ and $c = 4.229$.
4. Provide logic to extract the values for curve 'A' from the chart below



5. Write a query statement to find first name 'Smith' with dues of 203 or higher of all items from the table below and provide an expected output.

First name	Middle name	Last name	item	due
Smith	Ender	Paul	a	100
Ender	Paul	Smith	b	150
Paul	Smith	Ender	c	200
Smith	Paul	Ender	a	250
Ender	Smith	Paul	b	300
Paul	Ender	Smith	c	100
Smith	Smith	Smith	a	150
Paul	Paul	Paul	b	200
Ender	Ender	Ender	c	250