

Department of Physics

Computational Physics

Most Sri Lankans consider number thirteen as unlucky. Hence, the Government of Sri Lanka rejects vehicle registration numbers which add up to thirteen.

For example;

The number, $6412 = 6 + 4 + 1 + 2 = 13$

1. Write a program that print numbers from 0001 to 9999, which will leave out numbers adding up to thirteen. (as described above)
2. How many vehicle registration numbers are between 0 and 10000?
3. How many vehicle registration numbers are rejected?

N.B. You may use the following Mathematica commands;

Mod	Divisors	Sum	Total
Quotient	Take	Drop	Table
Print	If	N	Do
