

CS110: Computer Programming Lab
Department of CSE
IIT, Guwahati

Module 02 Stage 03 Exercise 11

Problem description

A smart bio-engineer has genetically engineered a new animal snow-white fox in her IITG lab. However, on 1 January this year a pair escaped the cage into IITG bushes when the attendant was removing their new born babies.

The Snow-White fox pair for the life from birth, live exactly a day less than 1 year and deliver a baby pair each month from the age to 3 months to 10 months. The escaped pair will deliver their last baby-pair on 1 March.

Determine the projected population of these foxes over the period of 100 months starting from 1 January 2018 on campus. Print the output as one-line for each month with each line showing neatly formatted month-year and animal-count. As in this example:

Month	Count
01-2018	2
02-2018	4

(Hint: Declare `int` variables in your program to keep track of the pairs of different ages. Each month the values in these variables are copied to variables counting one-month older pairs.)