

ECOR 1606 - Assignment 1 (Individual work)

Problem:

We saw in class the following problem

Given an integer n (eg $n = 156$), we determined the number obtained when n is read backwards, from right to left (eg. 651)

Produce a flowchart which obtains the value of n from the user. In this problem we set some restrictions on the value of n :

- n must be less than 10000
- n must not be divisible by 10

Whenever the user provides an integer n that does not satisfy both previous conditions, have your flowchart output the error message : "Invalid number for this problem".

ONLY when n satisfies both previous conditions, have your flowchart determine and output the value of n when read backwards.

Note : Raptor does not perform division of integers. For instance, $15/10$ will return 1.5 and not 1.

Version 1 : The flowchart MUST NOT include loop.

Version 2 : Modify the previous version by introducing one loop in your solution

Upload BOTH versions.