

Leap-year documentation

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1 The leap year function

To know whether a given year is a leap year, a function has been created. Figure 1 shows a diagram of this function.

When calling the function, it checks whether the given year can be divided by 4. If not, it isn't a leap year but if it can be divided, another check is done dividing by 100. If this can't be done, we know the year to be a leap year. If it is possible, it also has to be divisible by 400 to be a leap year.

- Rectangles: describes action either as a call to the function or return statements of the function
- Rotated squares: When the path branches out because of an if-statement

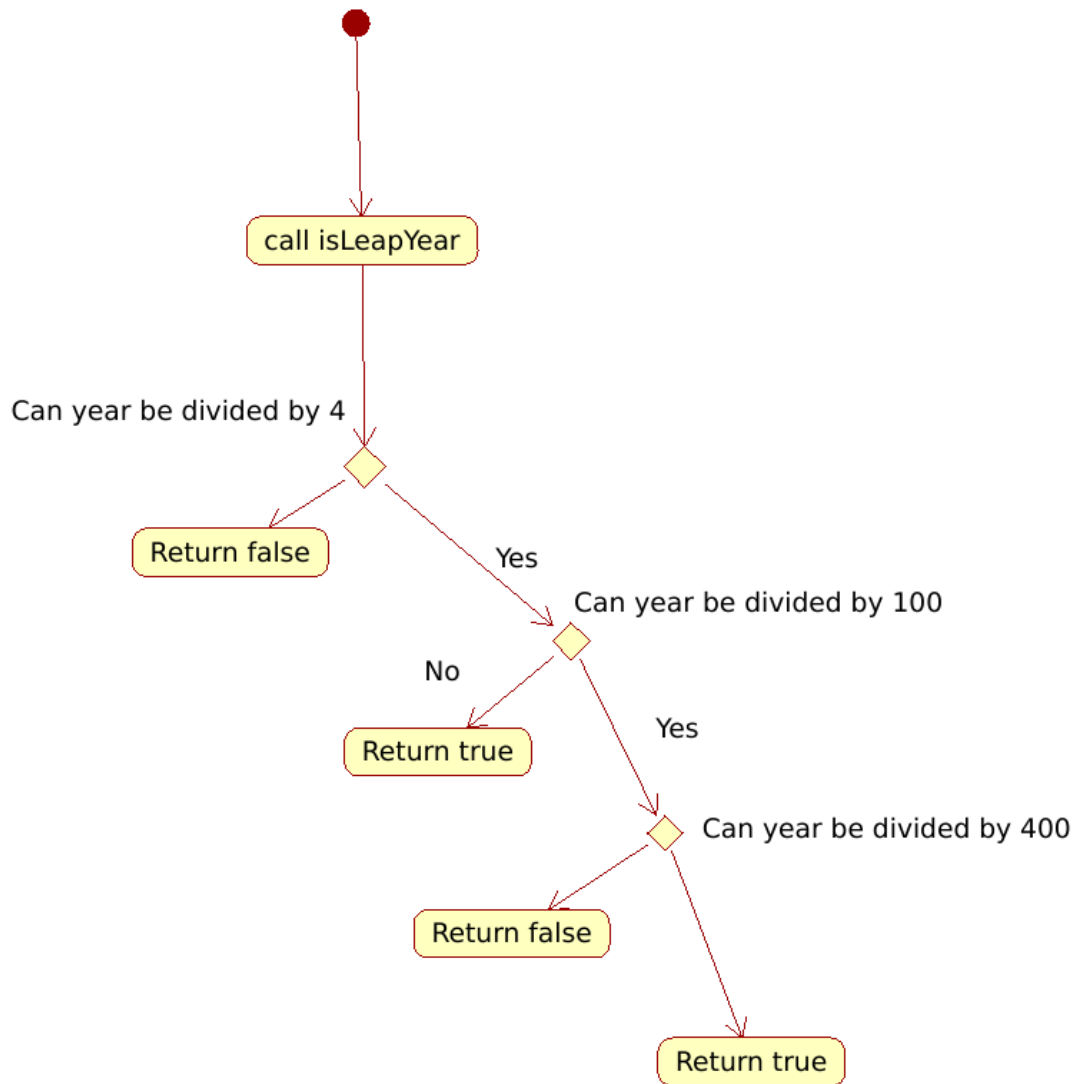


Figure 1: Caption