/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* File : Lab 1\_4

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\* Date : 30 jan 2018

\* Declaration : Check whether a given number is an

Armstrong number.

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BEGIN

DECLARE OriginalNumber, GivenNumber, Remainder, Result

INITIALISE OriginalNumber, GivenNumber, Remainder, Result WITH ZEROS

ACCESS GivenNumber

OriginalNumber =GivenNumber

WHILE(OriginalNumber != 0)

Remainder = OriginalNumber % 10

Result =Result +(Remainde^3)

OriginalNumber = OriginalNumber / 10

END WHILE

IF(Result == OriginalNumber)

DISPLAY “given number is an amstrong number”

ELSE

DISPLAY “given number is not an amstrong number”

END IF

END