

Econcode – **pseudocode**

FUNCTION intro

Pass In: nothing

Print “econcode” and “Calculate Options”

Pass Out: nothing

ENDFUNCTION

FUNCTION getElasticity

Pass In: numerator – string this can be a string of a number or percentage.

Pass In: denominator - string this can be a string of a number or percentage.

Pass In: is abs – is absolute -> return only positive value.

Calculate elasticity value

Pass Out: calculated elasticity value – float ,

if percentage_denominator becomes zero then return string “infinity”

ENDFUNCTION

FUNCTION getNature

Pass In: elasticity – floating point number, value of the Elasticity

Pass In: option – string number, calculated option

Calculating nature of elasticity

Pass Out: nature of elasticity, string value

ENDFUNCTION

FUNCTION init

Pass In: nothing

WHILE TRUE

Get option from the user using terminal.

IF OPTION

Generate corresponding string values

ELSE Print → INVALID OPTION!

Then CONTINUE

ENDIF

Calls: getElasticity

Calls: getNature

Printout: calculated elasticity and its nature

Ask user if he/she want to exit,

IF user need to Exit

Then BREAK.

ENDIF

ENDWHILE

ENDFUNCTION