Import JJIO

Class PayRoutine
-- Name Ann O'Nimous
-- Does Weekly pay, with routine payGross

Routine mainRun (none) is public
    Box hours ofType int
    -- Does compute the pay
    Start
        Output "Enter the hours worked "
        Input hours
        Outputln hours -- echo
        Call payGross with (hours)
    EndRoutine mainRun

Routine payGross (hrs) is public
    Slot hrs ofType int
    Box pay ofType int
    -- Does do gross pay, and output it
    If (hrs < 40) then
        Set pay = 10 * hrs
    Else
        Set pay = 10*40 + 15*(hrs - 40)
    EndIf
    Output "The pay is "
    Outputln pay
EndRoutine payGross

EndClass PayRoutine
-- a run:
-- Enter the hours worked 50
-- The pay is 550

Import JJIO

Class PayFunction
-- Name Ann O'Nimbous
-- Does Weekly pay, with function grossPay

Routine mainRun (none) is public
    Box hours ofType int
    -- Does compute the pay, and output it
    Start
        Output "Enter the hours worked "
        Input hours
        Outputln hours -- echo
        Output "The pay is "
        Output grossPay (hours)
        Outputln " "
    EndRoutine mainRun

Function grossPay (hrs) ofType int is public
    Slot hrs ofType int
    Box result ofType int -- pay
    -- Does return gross pay
    If (hrs < 40) then
        Set result = 10 * hrs
    Else
        Set result = 10*40 + 15*(hrs - 40)
    EndIf
EndFunction grossPay

EndClass PayFunction
-- a run:
-- Enter the hours worked 50
-- The pay is 550