function calculatePayCheck():

SET hours equal to GET input

IF hours are not positive THEN

PRINT Please enter a positive number.

END IF

IF hours are over 40 THEN

CALCULATE over time hours by taking input and subtracting 40

CALCULATE what hours are left after overtime hours are found

CALCULATE what overtime pay will be

END IF

CALCULATE regular pay by multiplying what hours there are

CALCULATE total pay by adding over time pay with regular pay

PRINT total pay

No

No

Yes

Yes

End

Output total pay

total pay = regular pay + overtime

regular pay = hours \* 20

overtime = overtime \* 30

hours = hours - overtime

overtime = hours - 40

Output “Enter a positive number”

Is Input above 40?

Is Input above zero?

Input hours worked

Start