

PF Lab # 3Assignment

Q.1. The wrong value is being displayed in the output as "int" holds value up to a certain limit and the number "3000000000" exceeds this limit so output is different and for this we have to use "long" in place of "int".

Q.2.

START

DECLARE x AS INTEGER

DECLARE y AS INTEGER

DECLARE z AS INTEGER

PRINT "Enter first Number:"

READ x

PRINT "Enter second Number:"

READ y

SET z = x

SET x = y

SET y = z

PRINT ("first swapped value is: ", x)

PRINT ("second swapped value is: ", y)

END

Start

x, y

z = x
x = y
y = z

x, y

End

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d.3.

Pseudocode:

Flowchart:

START

DECLARE Tax\_Rate AS Float

DECLARE Salary AS INTEGER

DECLARE Tax\_amount AS Float

DECLARE Final\_salary AS Float

PRINT "Enter your salary"

READ salary

PRINT "Enter the tax on the salary"

READ Tax\_Rate

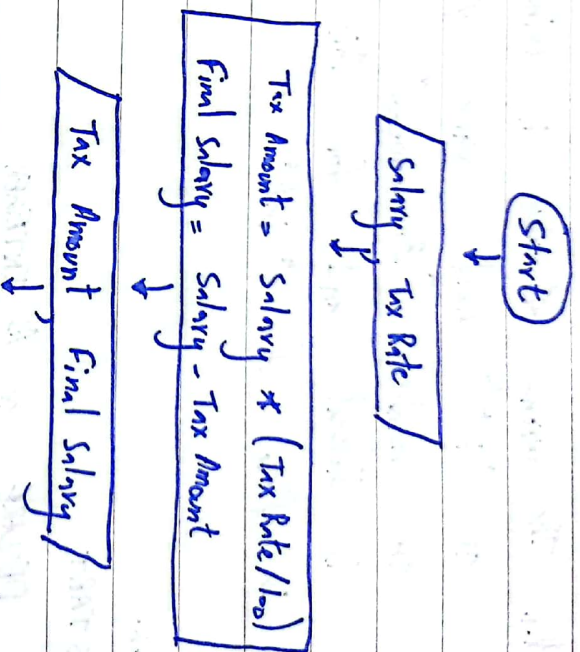
$Tax\_Amount = (Salary) * (Tax\_Rate / 100)$

$Final\_salary = (Salary) - (Tax\_amount)$

PRINT "tax on your salary is: " Tax\_amount)

PRINT "your salary is: " Final\_salary)

END

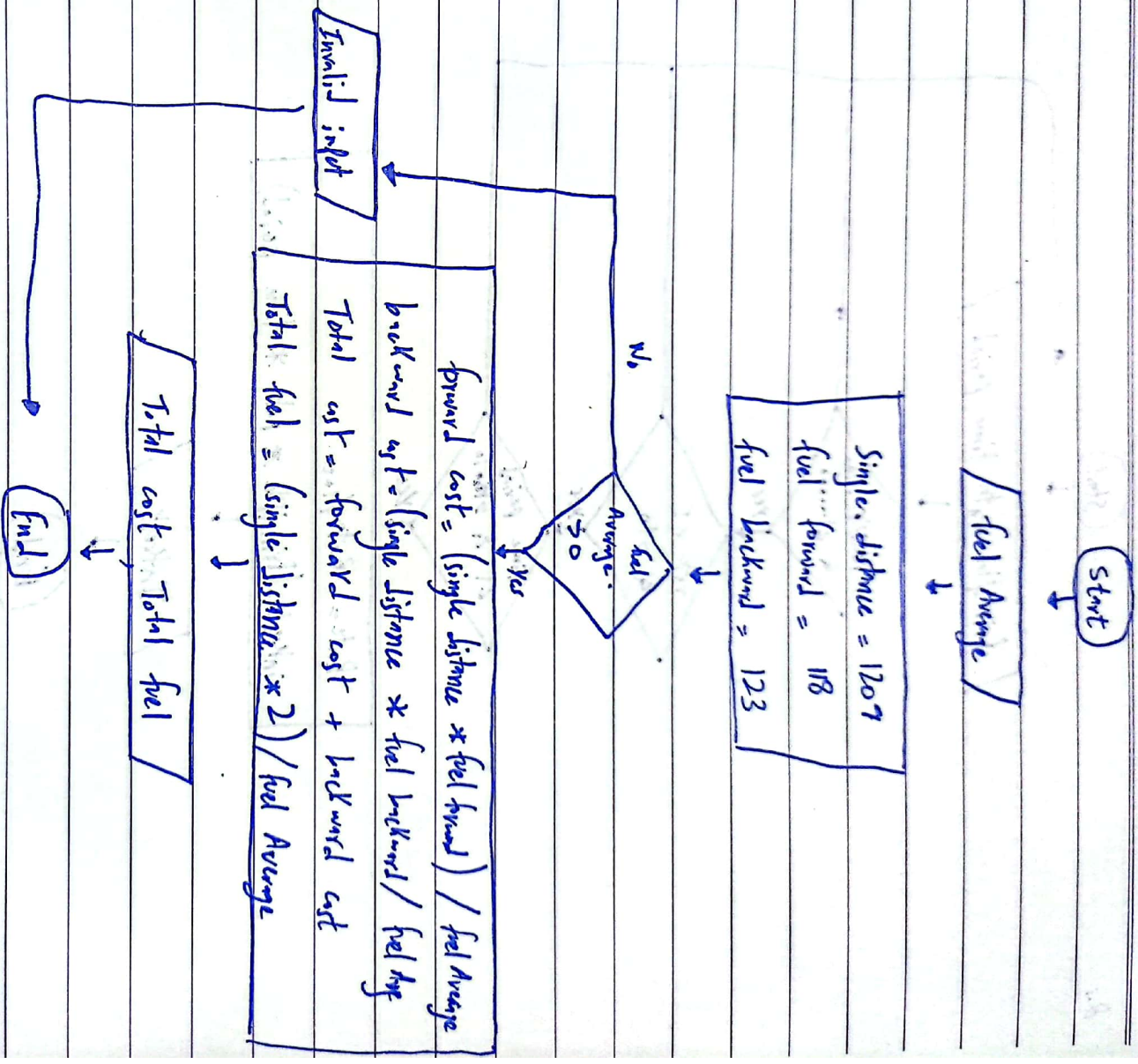




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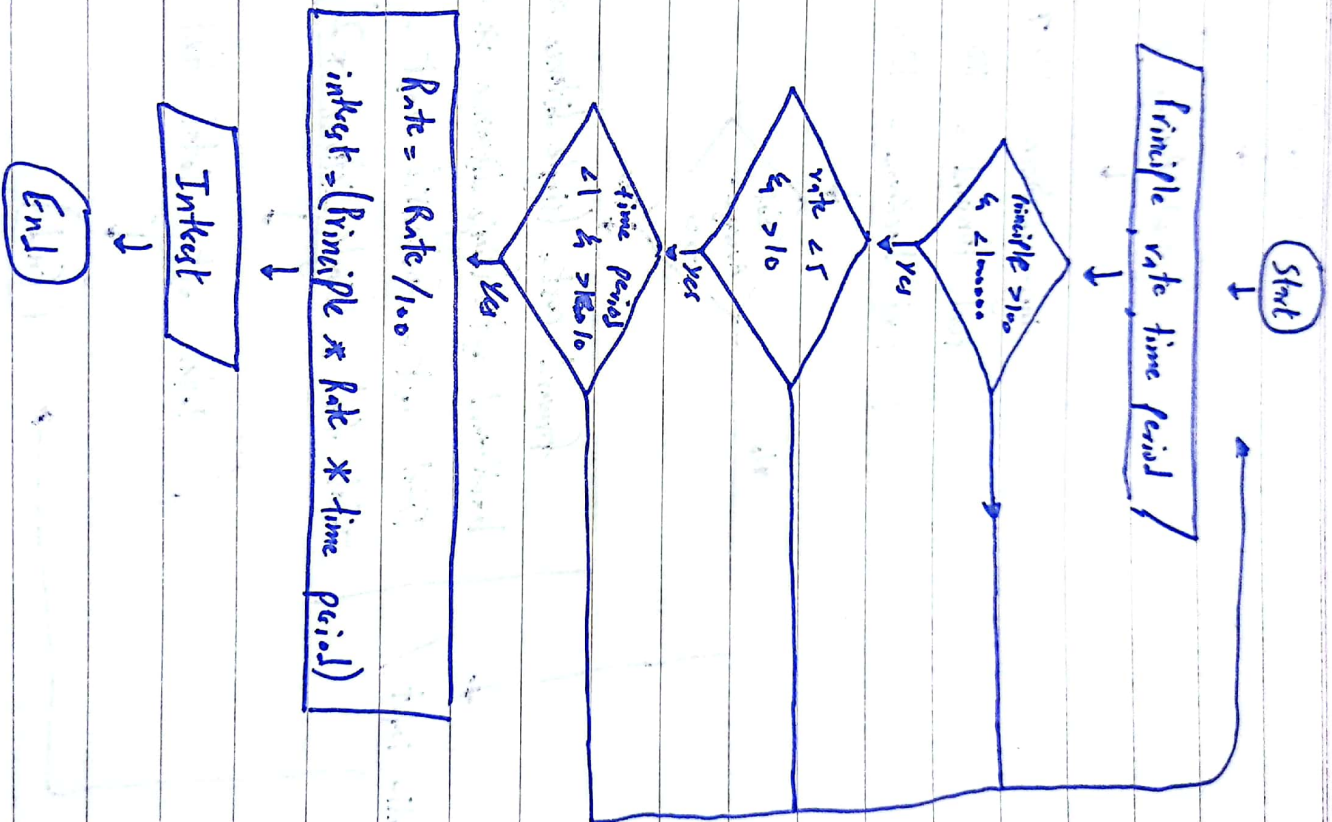
P.4.



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Q.8



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Ans.

