

Exp no:1-c
Date :29/11/22

CALCULATING ELECTRIC CURRENT IN 3 PHASE AC CIRCUIT

AIM:

To draw the flow chart and write the algorithm to calculate electrical current in 3 phase AC circuit.

ALGORITHM:

Step 1:Start

Step 2:Read the value of Pf(power factor)

Step 3: :Read the value of I

Step 4:Read the value of V

Step 5:Calculate P using formula

$$P=\sqrt{3}*Pf*I*V$$

Step 6:Display “The result is P”

Step 7:Stop

PSEUDO CODE

START

READ the value of power factor

READ the value of I

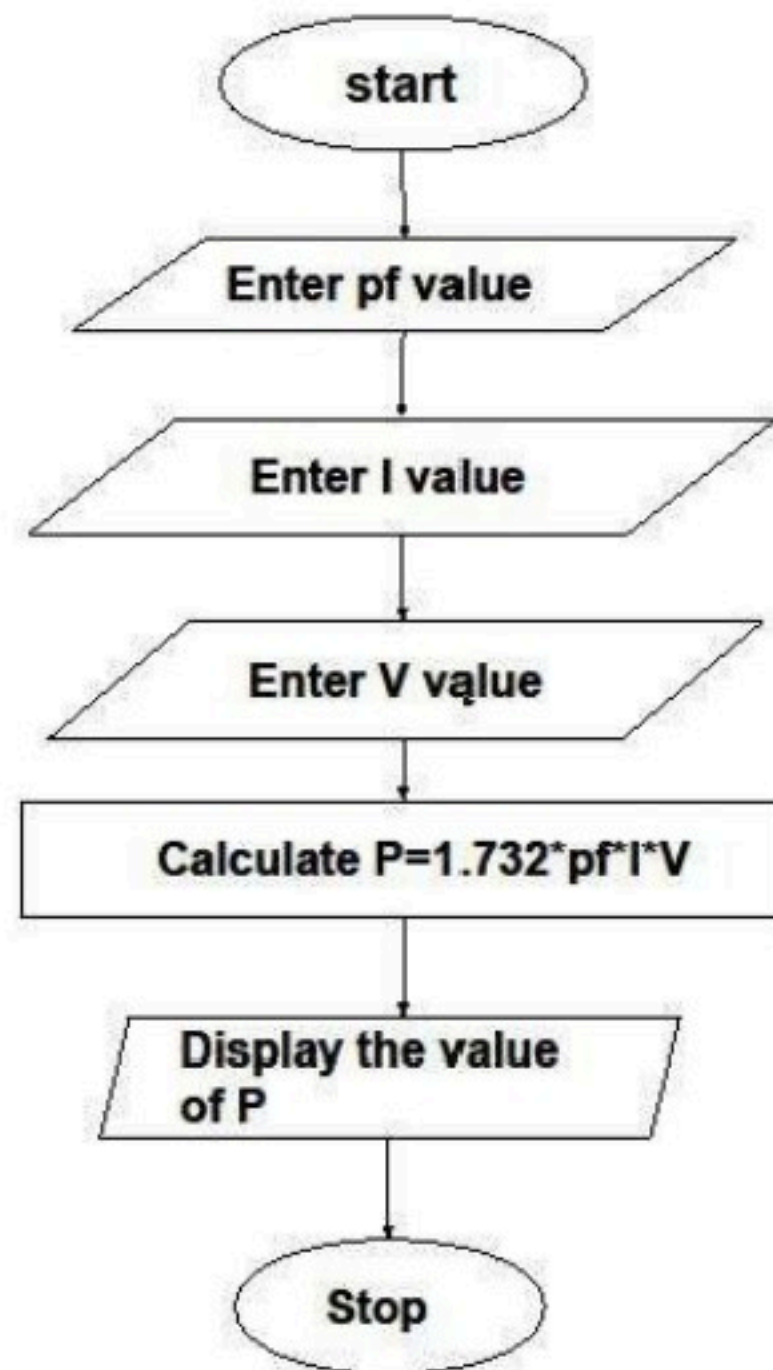
READ the value of v

CALCULATE $p = \sqrt{3} * pf * I * V$

DISPLAY the result of p

STOP

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RESULT:

Thus the flowchart and algorithm is written for the given problem.