





ممم جداً

هذا الملف للمراجعة السريعة واخذ الملاحظات عليه فقط ،لانه يحتوي على اقل من 20٪ مما يتم شرحه في الفيديوهات الاستعجال والاعتماد عليه فقط سوف يجعلك تخسر كميه معلومات وخبرات كثيره

يجب عليك مشاهدة فيديو الدرس كاملا

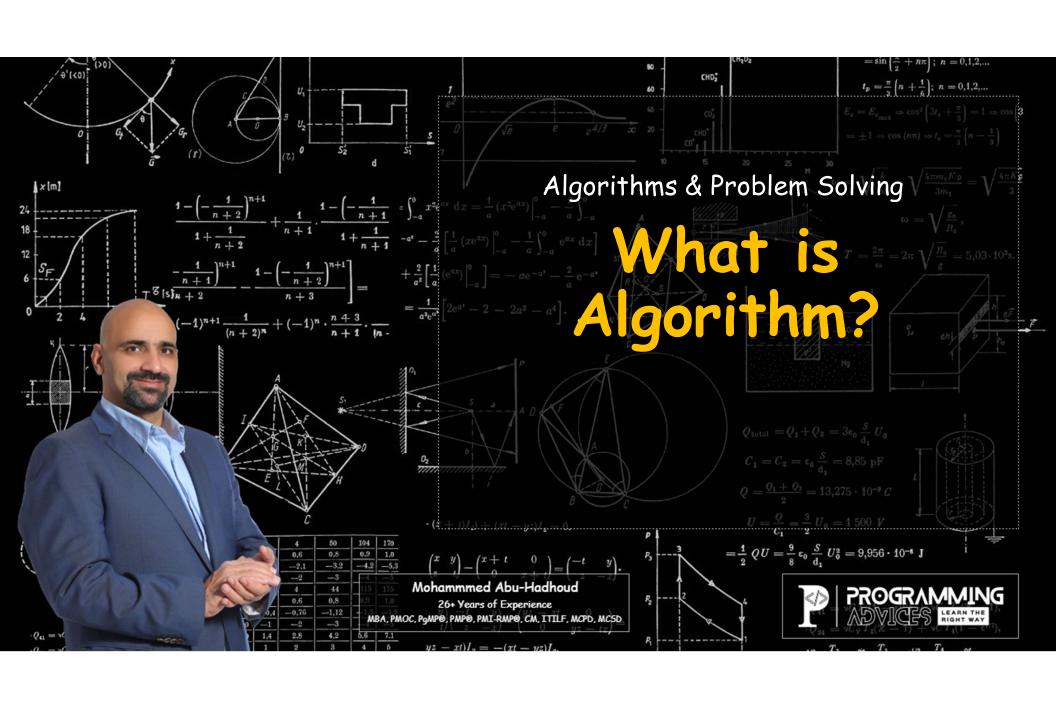
لاتنسى عمل لايك ومشاركة القناة لتعم الفائدة للجميع لا تنسونا من دعائكم

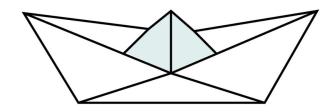
ProgrammingAdvices.com

Mohammed Abu-Hadhoud





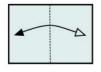








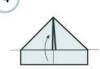
Start from a rectangle (ex. A4) Fold in half.



Fold in half and unfold.



Fold to the center.



Fold the overlapping strip upwards.

5



Fold corners backwards. Turn over.





Fold strip upwards.





Open.





Opening in progress.





Fold triangle upwards. Repeat behind.

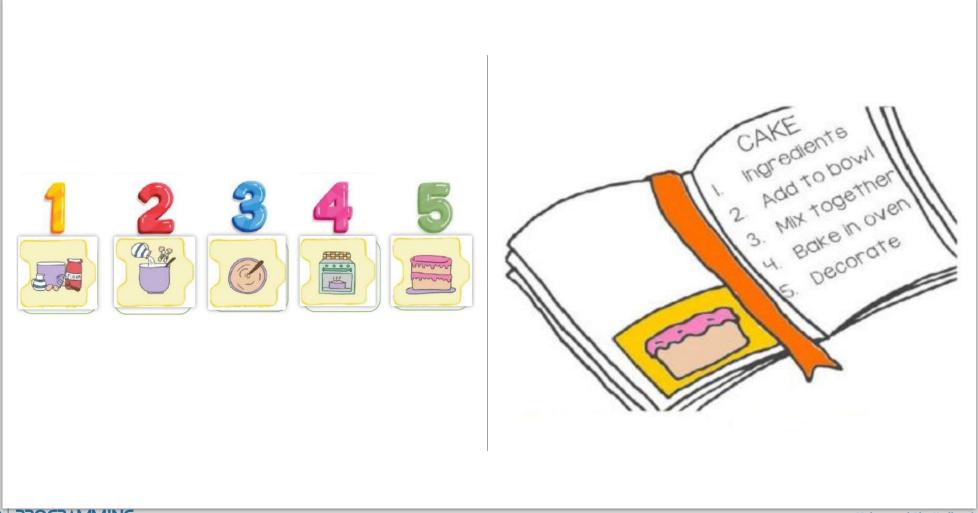






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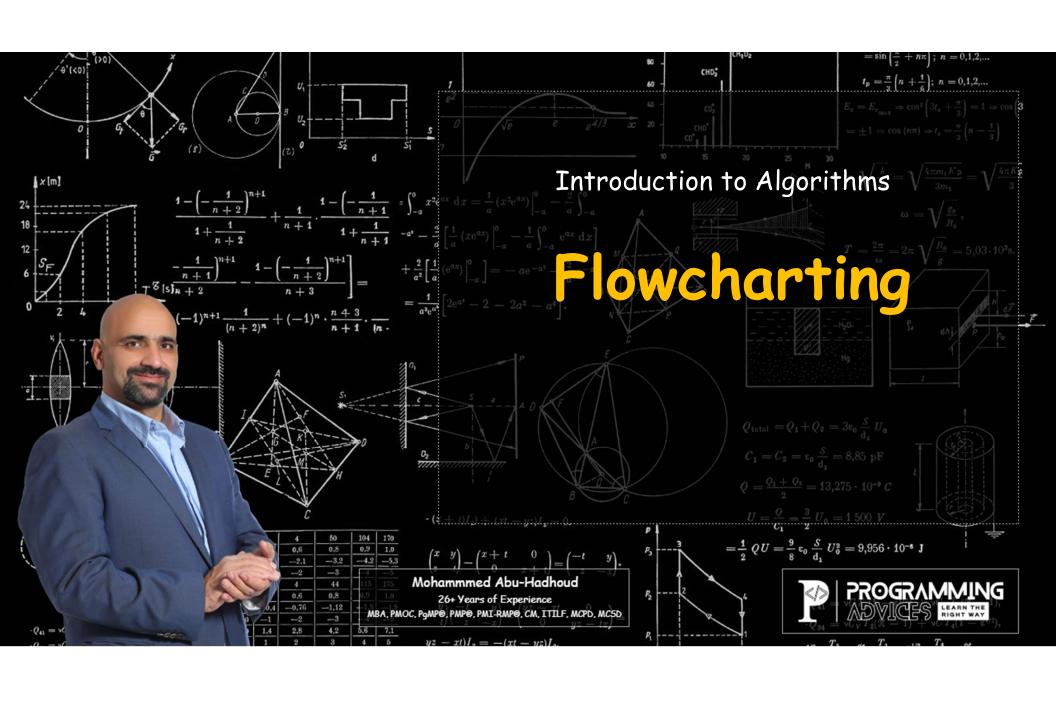


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What is Algorithm?

<u>Algorithm</u> is a <u>step-by-step instructions</u> in order to solve a problem or perform a task.

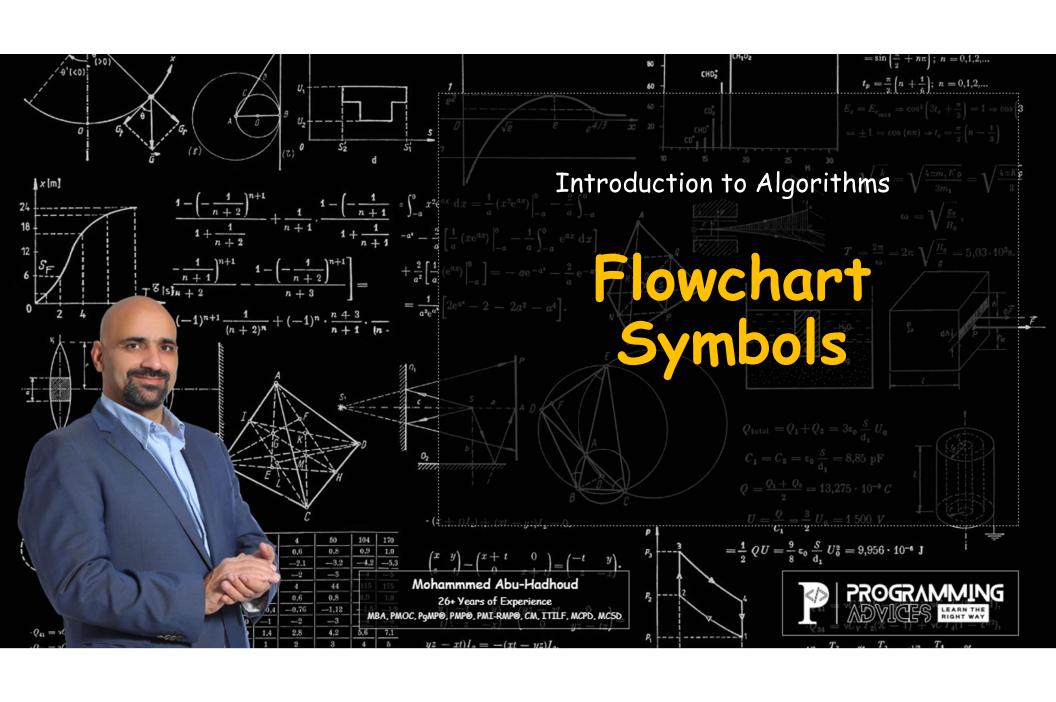




What is Flowchart?

Flowchart is a programming design tool that uses graphical elements to visually depict the flow of logic within a program.

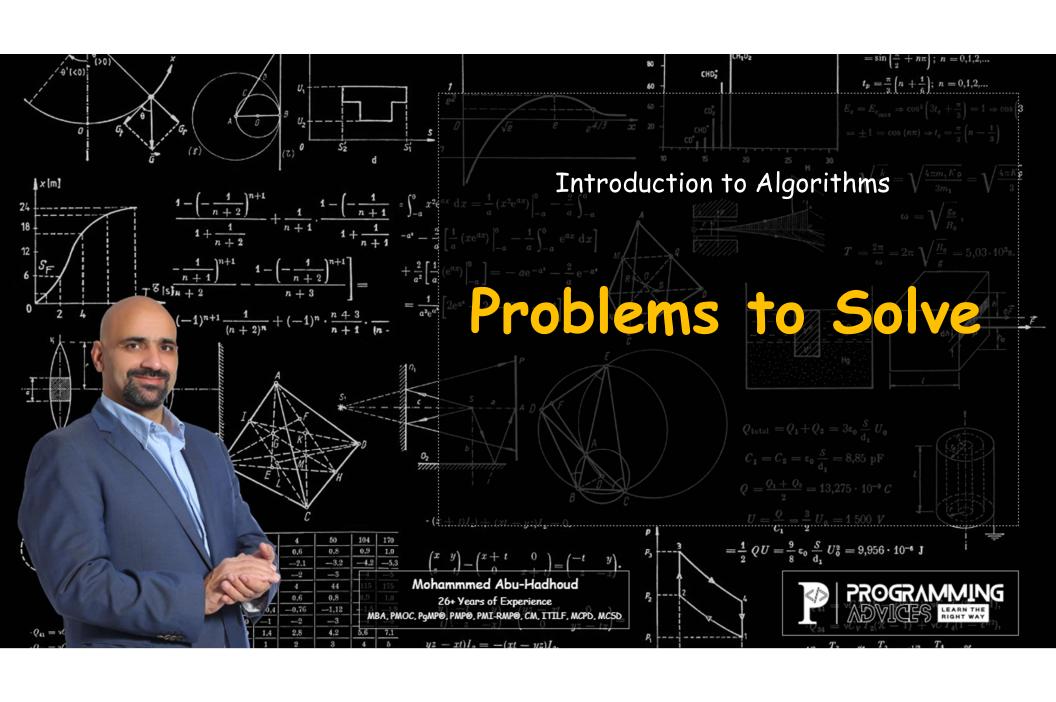


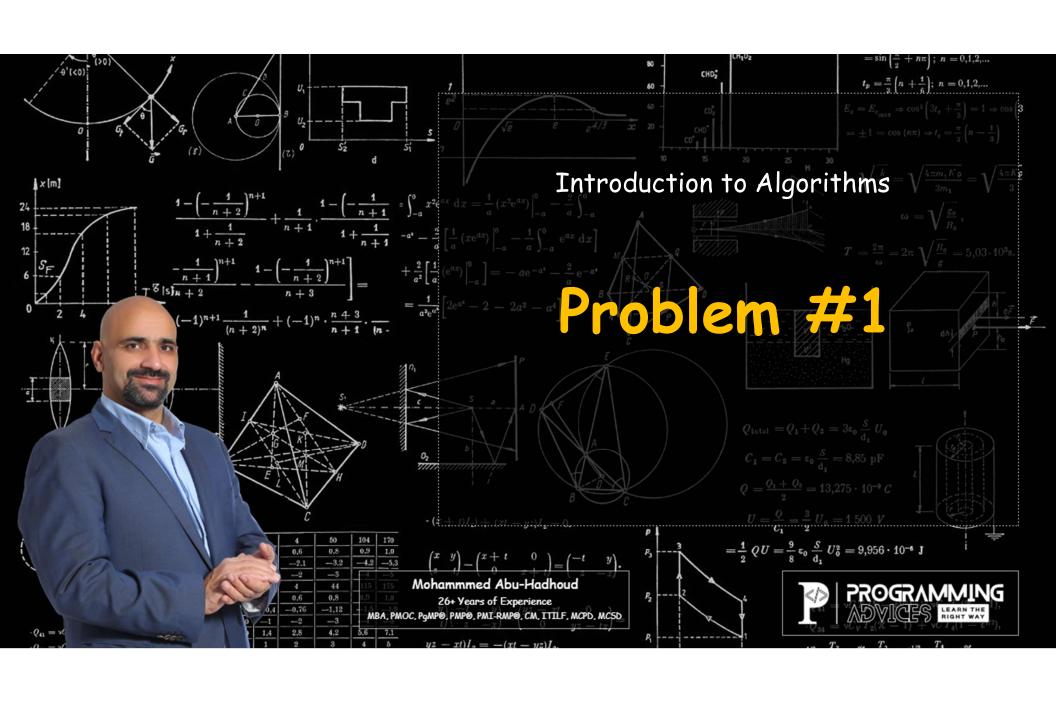


Flowchart Symbols

Symbol	Used For
	Used for Start and End
	Used for Input or Output
	Used for process/operations/calculations
	Used for asking a question and making a decision.
	Flow lines with arrows to connect the various flowcharting symbols



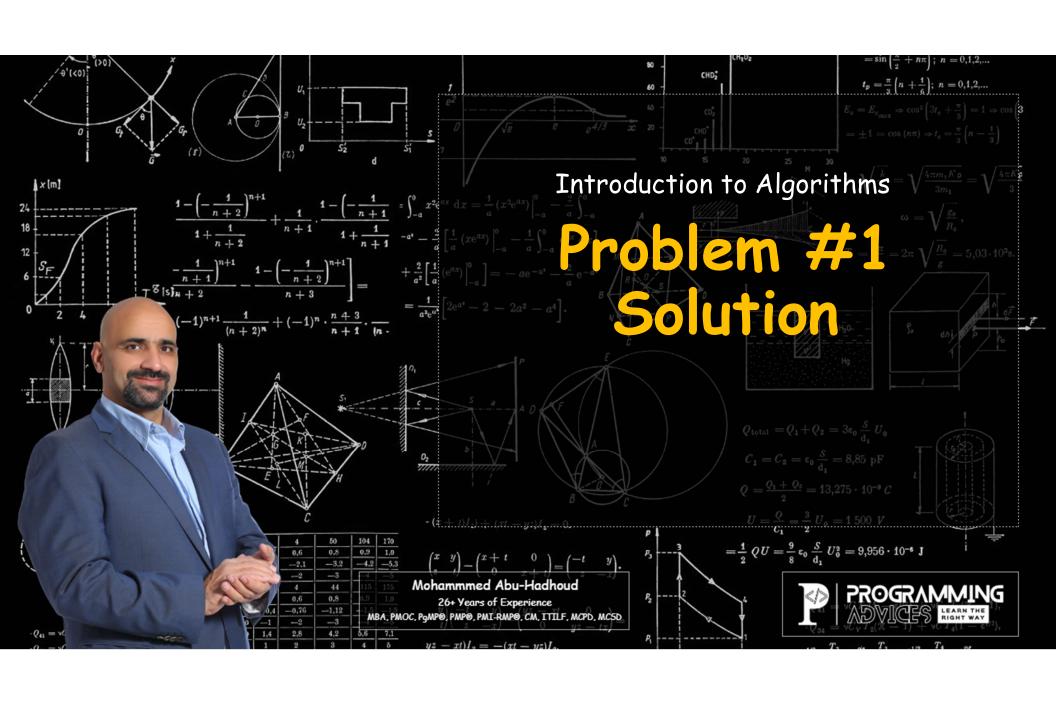




Problem #1

Write a program to print your name on screen.



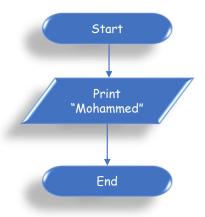


Problem #1 Solution Steps

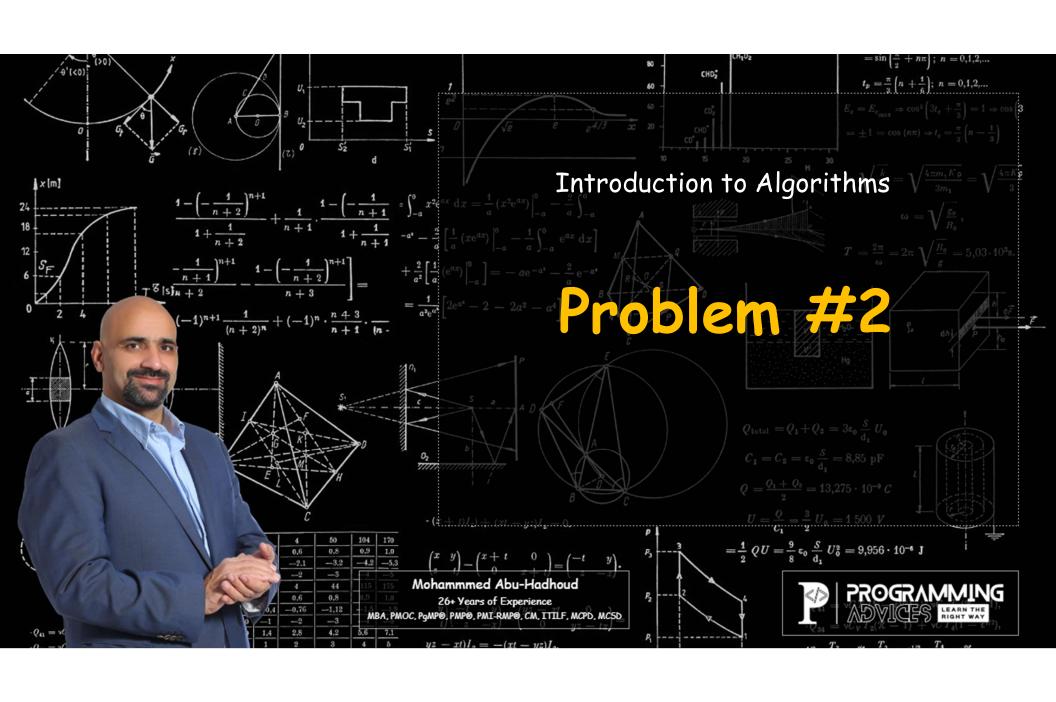
Steps

Step 1: Print "Mohammed"

Flow Chart



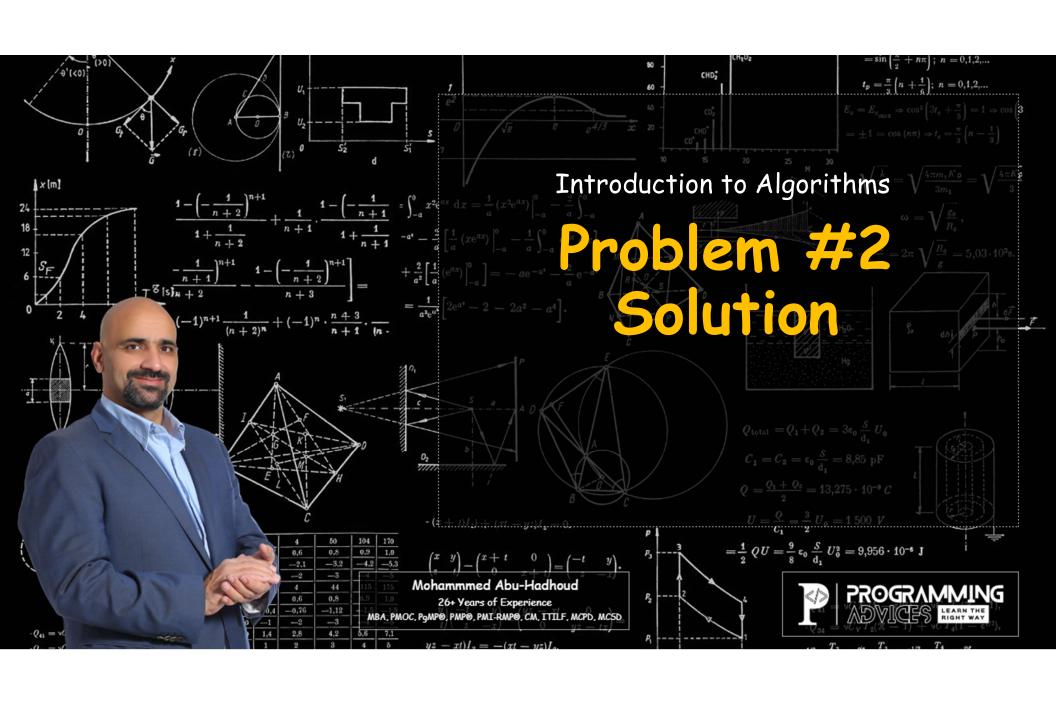




Problem #2

Write a program to ask the use to <u>enter</u> his/her name and <u>print</u> it on screen.





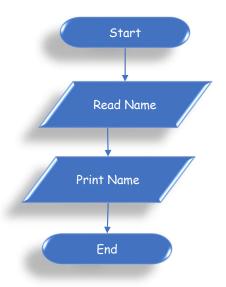
Problem #2 Solution Steps

Steps

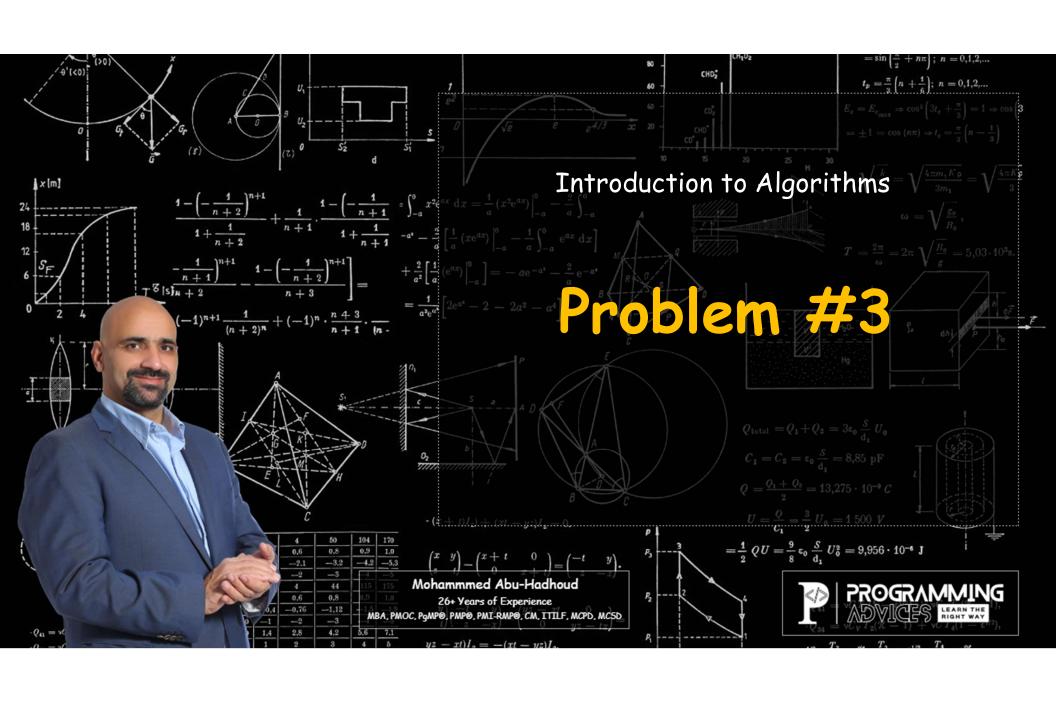
Step 1: Ask the use to enter his name.

Step 2: Print the entered name.

Flow Chart



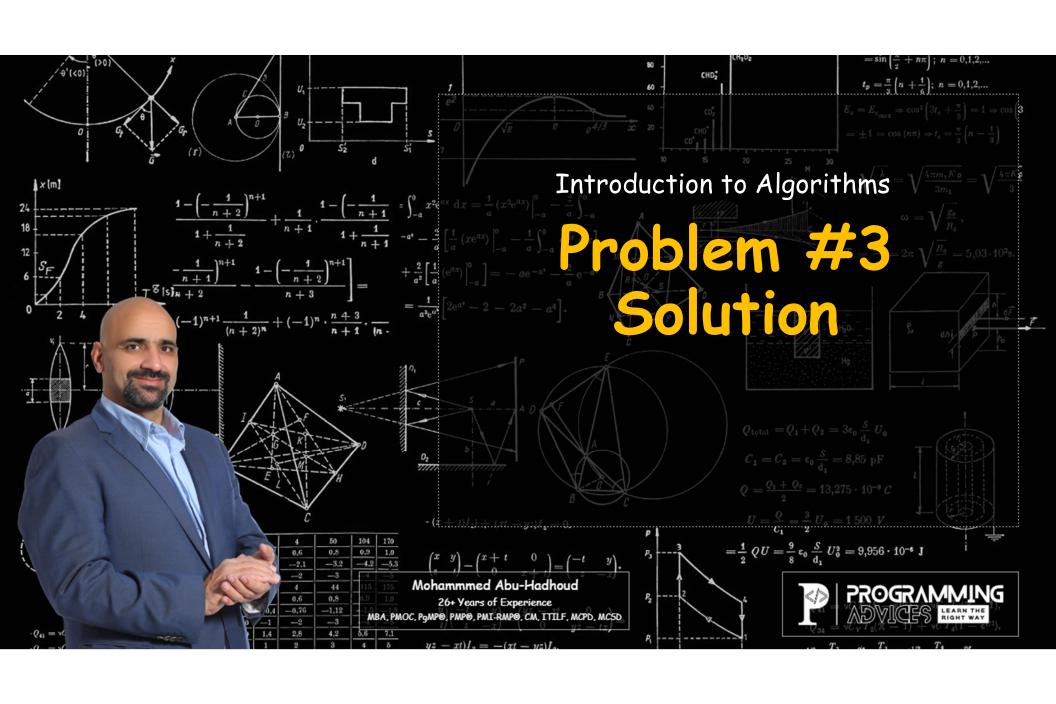




Problem #3

Write a program to ask the user to <u>enter</u> a number, then <u>Print</u> "ODD" if its odd, Or "Even" if its even.





Problem #3 Solution

Steps

Step 1: Ask the use to enter a Number.

Step 2: Result = Num mod 2

Step 3: check if result =0 then its even otherwise it's odd.

Step 4: Print "ODD" or "Even" accordingly.

Flow Chart

