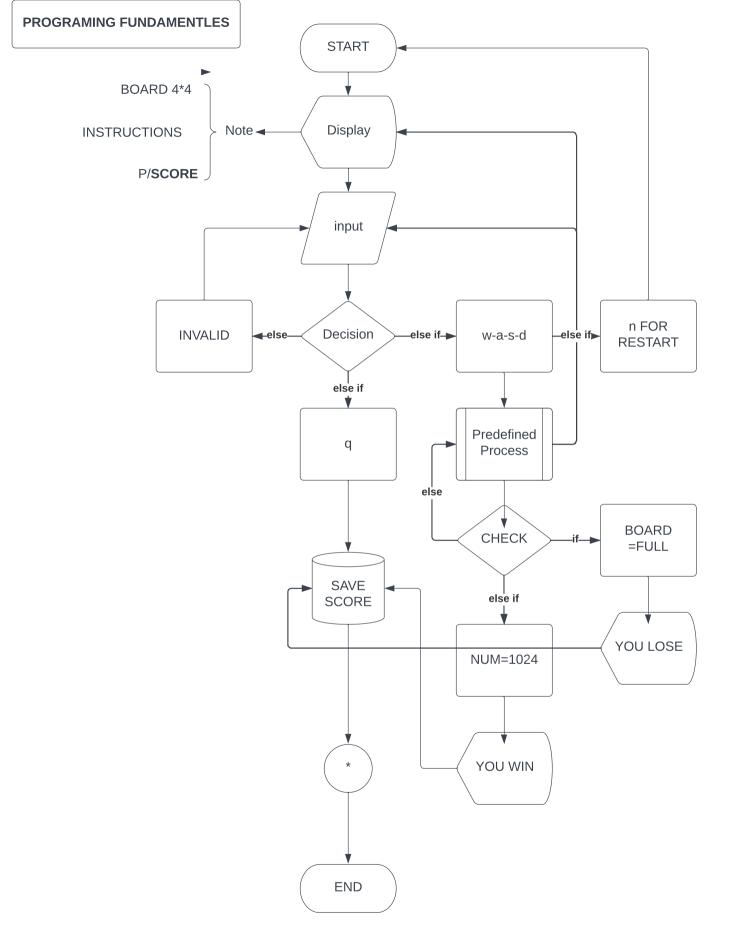**Game 1024**

PROGRAMING FUNDAMENTLES

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PREDEFINED PROCESS:
Numbers could move up,down,left and right in a 4*4 square box.

The game will start with 2 same already generated numbers.

On every move 1 new either 1 or 2 will be generated on a random location.

Add the same values to obtain the double value in the box i.e.(2+2=4).

Score will increase on every addition.

Reach the heighest value 1024 to win the game before all the boxes get filled in the box.

START

BOARD 4*4

INSTRUCTIONS — Note

P/**SCORE**

Display

input

Decision
- else → INVALID
- else if → w-a-s-d
- else if → n FOR RESTART
- else if → q

Predefined Process

CHECK
- if → BOARD =FULL
- else if → NUM=1024
- else → (back to Predefined Process)

BOARD =FULL → YOU LOSE

NUM=1024 → YOU WIN

YOU LOSE

YOU WIN

SAVE SCORE

*

END