



UANL

UNIVERSIDAD AUTÓNOMA DE NUEVO LEÓN



FIME

FACULTAD DE INGENIERÍA MECÁNICA Y ELÉCTRICA

Universidad Autónoma de Nuevo León
Facultad de Ingeniería Mecánica y Eléctrica

STRUCTURED PROGRAMMING

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“ADVANCES”

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February 2021 – June 2021



CRAPS

The most popular game of chance in casinos is the dice game known as "Craps", which consists of placing different bets on the result found by rolling two dice in the next roll or in an entire round.

A player rolls 2 dice with 6 faces each and the faces contain 1, 2, 3, 4, 5, and 6 points. Once the dice have stopped, the sum of the points on the two upper faces is calculated to establish whether it has been won or lost according to the following:

There are two ways to win:

- a) Obtaining a score of 7 or 11 on the first throw.
- b) Obtaining a score of 4, 5, 6, 8, 9 or 10 in the first throw, then said sum becomes the "point" or the "Compulsory shot", and the player must continue rolling the dice to achieve the same "point" again, before getting a 7 on a later roll.

There are also two ways to lose:

- a) Roll the dice once and get 2, 3 or 12 (known as "Craps"), that is, the house "wins".
- b) Roll 4, 5, 6, 8, 9 or 10 on the first throw and roll a 7 on the subsequent throw before repeating the original "point".

PLAY: Once you enter the game will be automatically generated, that is, the numbers that you obtained from the two dice will be displayed in the same way, it will calculate the sum of the points on the two upper faces to establish if you have won or lost according to the weights.

The player has obtained a score of $3 + 1 = 4$
Your point is 4
The player has obtained a score of $3 + 1 = 4$
Sorry, the player LOSES