

Python Midterm Examination (Hands-on)

Craps is a dice game in which players bet on the outcomes of the roll of a pair of dice. Create a python program that will simulate the game of craps.

Rules of the game:

Rolls two (2) dice.

The sum of the dice is calculated

Sum = **7 or 11**: you win **IF on the first roll**

Sum = **2, 3, or 12**: you lose **IF on the first roll**

Sum = **4, 5, 6, 8, 9 or 10**: sum becomes **POINT**

- to win, you must continue rolling the dice until you make your point, **that is, until you roll the same value again**

- you lose by **rolling 7 before making your point**

SPECIAL NAMES (apply only during 1st roll):

Sum 2: Snake Eyes

Sum 3: Trey

Sum 7: Seven

Sum 11: Yo Leven

Sum 12: Box Cars

Sample Test Cases:

Congratulations, you rolled Yo Leven. YOU WIN!

Congratulations, you rolled Seven. YOU WIN!

You rolled 4. Your points 4. Keep rolling!
You rolled 11. Your point is 4. Keep rolling!
Sorry, you rolled 7. YOU LOSE!

You rolled 8. Your points 8. Keep rolling!
You rolled 3. Your point is 8. Keep rolling!
You rolled 6. Your point is 8. Keep rolling!
You rolled 4. Your point is 8. Keep rolling!
You rolled 4. Your point is 8. Keep rolling!
You rolled 3. Your point is 8. Keep rolling!
You rolled 9. Your point is 8. Keep rolling!
You rolled 5. Your point is 8. Keep rolling!
You rolled 6. Your point is 8. Keep rolling!
Sorry, you rolled 7. YOU LOSE!

You rolled 5. Your points 5. Keep rolling!
You rolled 11. Your point is 5. Keep rolling!
You rolled 4. Your point is 5. Keep rolling!
You rolled 8. Your point is 5. Keep rolling!
Congratulations, you rolled 5. YOU WIN!

Sorry, you rolled. Trey. YOU LOSE!

Sorry, you rolled. Box Cars. YOU LOSE!