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import collections #impc.py corre
import random
Pcard=collections.namedtuple('card', ['suit', 'rank'])

class Pdc:
    ranks=[str(rank) for rank in range(2,11)]+ ["J","Q", "K", "A"]
    suits= ['Spades', 'Diamonds', 'Hearts', 'Clubs']
    print(ranks)
    def __init__(self):
        self._cards=[Pcard(self.ranks, suit) for suit in self.suits]
        print(self._cards)

p2=Pdc()
print(p2)
resultado
'2', '3', '4', '5', '6', '7', '8', '9', '10', 'J', 'Q', 'K', 'A']
[card(suit=['2', '3', '4', '5', '6', '7', '8', '9', '10', 'J', 'Q', 'K', 'A'],
rank='Spades'), card(suit=['2', '3', '4', '5', '6', '7', '8', '9', '10', 'J',
'Q', 'K', 'A'], rank='Diamonds'), card(suit=['2', '3', '4', '5', '6', '7', '8',
'9', '10', 'J', 'Q', 'K', 'A'], rank='Hearts'), card(suit=['2', '3', '4', '5',
'6', '7', '8', '9', '10', 'J', 'Q', 'K', 'A'], rank='Clubs')]
<__main__.Pdc object at 0x0000018A398E9850>

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import collections # impc2 corre
import random

Pcard=collections.namedtuple('card', ['suit', 'rank'])
ranks=[str(rank) for rank in range(2,11)]+ ["J","Q", "K", "A"]
suits= ['Spades', 'Diamonds', 'Hearts', 'Clubs']
rank=0
# uit='Spades'
sc=[Pcard(ranks, suit) for suit in suits]
print(sc)

resultado
[card(suit=['2', '3', '4', '5', '6', '7', '8', '9', '10', 'J', 'Q', 'K', 'A'],
rank='Spades'), card(suit=['2', '3', '4', '5', '6', '7', '8', '9', '10', 'J',
'Q', 'K', 'A'], rank='Diamonds'), card(suit=['2', '3', '4', '5', '6', '7', '8',
'9', '10', 'J', 'Q', 'K', 'A'], rank='Hearts'), card(suit=['2', '3', '4', '5',
'6', '7', '8', '9', '10', 'J', 'Q', 'K', 'A'], rank='Clubs')]

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```

from collections import namedtuple # impc3 corre
# Declaring namedtuple()
Student = namedtuple('Student', ['name', 'age', 'DOB']) # 3 campos named
Student por 'Student'
# Adding values
S = Student('Nandini', '19', '2541997')
# Access using index
print("The Student age using index is : ", end="")
print(S[1])
# Access using name
print("The Student name using keyname is : ", end="")
print(S.name)
# Access using getattr()
print("The Student DOB using getattr() is : ", end="")
print(getattr(S, 'DOB'))

```

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Resultado
The Student age using index is : 19
The Student name using keyname is : Nandini
he Student DOB using getattr() is : 2541997

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