**Code with multi-level inheritance**

# this is multi-level inheritance

import random

# this is base parent1

class tarot\_cards\_major:

def \_\_init\_\_(self, your\_luck=0):

self.card1 = "major"

self.your\_luck = your\_luck

# this method is used to draw major\_arcana using random

def major\_arcana(self):

self.your\_luck = random.randint(0, 21)

deck\_major = ['The Fool', 'The Magician', 'The High Priestess',

'The Empress', 'The Emperor', 'The Hierophant',

'The Lovers', 'The Chariot', 'Strength', 'The Hermit',

'The Wheel of Fortune', 'Justice', 'The Hanged Man',

'Death', 'Temperance', 'The Devil', 'The Tower',

'The Star', 'The Moon', 'The Sun',

'Judgement', 'The World']

print("\t \*\*\*\*\*Welcome to tarot card game\*\*\*\*\* \t")

print("your personality or element within you:")

print(deck\_major[self.your\_luck])

# this method gives meaning of major\_arcana

class tarot\_major\_explaination(tarot\_cards\_major):

def \_\_init\_\_(self):

self.details = "meaning"

def major\_meaning(self):

if self.your\_luck == 0:

print("Either you are reckless or innocent")

elif self.your\_luck == 1:

print("Either you are intellect or manipulator")

elif self.your\_luck == 2:

print("Either you are spiritual or no self belief")

elif self.your\_luck == 3:

print("Either you have creativity or negligence")

elif self.your\_luck == 4:

print("Either you are practical or stubborn")

elif self.your\_luck == 5:

print("Either you share things or non-conformity")

elif self.your\_luck == 6:

print("Either you have perfect union or trust issue")

elif self.your\_luck == 7:

print("Either you have success or no self-control")

elif self.your\_luck == 8:

print("Either you are brave or vulnerable")

elif self.your\_luck == 9:

print("Either you have inner guidance or anti-social")

elif self.your\_luck == 10:

print("Either you have winning or unforseen setback")

elif self.your\_luck == 11:

print("Either you are responsible or dishonest")

elif self.your\_luck == 12:

print("Either you let go or discontenment")

elif self.your\_luck == 13:

print("profound changes or delayed ending")

elif self.your\_luck == 14:

print("Either you have balance or imbalance in life")

elif self.your\_luck == 15:

print("Either you feel trapped or free")

elif self.your\_luck == 16:

print("Either you avoid tragedy or fall in chaos")

elif self.your\_luck == 17:

print("Either you have hope or despair")

elif self.your\_luck == 18:

print("Either you release fear or fear")

elif self.your\_luck == 19:

print("Either you have enlighment or sadness")

elif self.your\_luck == 20:

print("Either you are awakening or poor logic")

else:

print("Either you achieve or fail")

# this class is used to draw minor\_arcana

class tarot\_cards\_minor(tarot\_major\_explaination):

def \_\_init\_\_(self):

self.card1 = "minor"

@staticmethod

def minor\_arcana():

symbols = ['WANDS', 'CUPS', 'SWORDS', 'PENTACLES']

def your\_choice(name, choices):

you\_have\_chosen\_ok = False

while not you\_have\_chosen\_ok:

print('choose a ' + name + ':')

for i in range(0, len(choices)):

print(choices[i])

choice = input('>>>> ')

you\_have\_chosen\_ok = (choice in choices)

if not you\_have\_chosen\_ok:

print('please choose only in the list')

return choice

symbol\_choice = your\_choice('symbol', symbols)

symbol\_length = len(symbol\_choice)

# WANDS (5 letters) and CUPS (4 letters) lead to [1, 2, 5, 6]

# SWORDS (6 letters) and PENTACLES (6 letters) lead to [3, 4, 7, 8]

if symbol\_length in [3, 5]:

first\_choices = ['1', '2', '5', '6']

else:

first\_choices = ['3', '4', '7', '8']

first\_choice = your\_choice('number', first\_choices)

if symbol\_length in [3, 5]:

if first\_choice in ['1', '5']:

second\_choices = ['3', '4', '7', '8']

else:

second\_choices = ['1', '2', '5', '6']

else:

if first\_choice in ['3', '7']:

second\_choices = ['1', '2', '5', '6']

else:

second\_choices = ['3', '4', '7', '8']

second\_choice = your\_choice('number', second\_choices)

# convert the string to an integer (whole number).

lucky\_number = int(second\_choice) - 1

print('your fortune number is:')

print(lucky\_number)

fortunes = ['Your creativity is path for your success',

'Do not be attracted to materialistic things',

'Being too emotional is not good',

'Things will get better!',

'Stop talking and start listening',

'Help others or else u will turn into a newt',

'Accept yourself',

'If you are good you might get doreamon']

print('advice for your present:')

your\_fortune = fortunes[lucky\_number]

print(your\_fortune)

draw = tarot\_cards\_minor()

draw.major\_arcana()

draw.major\_meaning()

draw.minor\_arcana()

