"""Q3) Store details of movies in any dictionary you want. each movie Must

store details like name, year, director name, production cost, collection

made (earning).

& Perform the following :-

A) print all movie details

B) Display name of movies released before 2015

C) print movies that made a profit.

D) print movies that made a loss.

E) print movies directed by a particular director."""

movies={'movie1':{"name":"The Dark Night ",

"year":2008,

"director":"Christopher Nolan",

"Procost":18,

"Earnings":100.5},

'movie2':{"name":"The Dark Night Rises",

"year":2012,

"director":"Christopher Nolan",

"Procost":230,

"Earnings":108.4},

'movie3':{"name":"Avengers: Endgame",

"year":2019,

"director":"Anthony Russo",

"Procost":356,

"Earnings":279.8},

'movie4':{"name":"Harry Potter and the Half-Blood Prince",

"year":2009,

"director":"David Yates",

"Procost":250,

"Earnings":934.5}}

d=movies

#for x in movies.values():

# print(x)

#print(movies)

#print(movies.keys())

#print(movies["movie1"]["year"])

for i in d:

for j in d[i]:

if(d[i]["year"]<2015):

print("movies released before 2015 was ",d[i]["name"])

break # 2)

for i in d:

for j in d[i]:

if(d[i]["Procost"]<d[i]["Earnings"]):

print(d[i]["name"]," made Profit")

break # 3)

for i in d:

for j in d[i]:

if(d[i]["Procost"]>d[i]["Earnings"]):

print(d[i]["name"]," made Loss")

break # 4)

a=input("Enter Director's Name = ")

for i in d:

for j in d[i]:

if(d[i]["director"]==a ):

print(d[i]["name"]," was directed by ",a)

break # 5)