



University of Jeddah

College of Computer Science and Engineering

Department of Computer Science and Artificial Intelligence

Fundamentals of AI| CCAI-221



Part 2

Samples output of the code :

Output (1)

suggest.

Hello dear user , welcome to our program that will suggest suitable youtuber for you :
What is your interest?:

art
beauty
food
fashion
games
plant
photography
sports
travel
vlogs

travel

what is your preferable language arabic or english ?:

arabic

do you prafare male or female youtuber?:

female

the suitable youtuber is : lulu_alkhataf
the channel link is : <https://youtube.com/@younisalaraj9776>
would you like to try again ?

yes

Hello dear user , welcome to our program that will suggest suitable youtuber for you :
What is your interest?:

?- suggest.

would you like to try again ?

yes

Hello dear user , welcome to our program that will suggest suitable youtuber for you :
What is your interest?:

art
beauty
food
fashion
games
plant
photography
sports
travel
vlogs

beauty

what is your preferable language arabic or english ?:

english

do you prafare male or female youtuber?:

male

the suitable youtuber is : hindash
the channel link is : <https://youtube.com/@Hindash>
would you like to try again ?

no

have a nice day!
true

?- suggest.



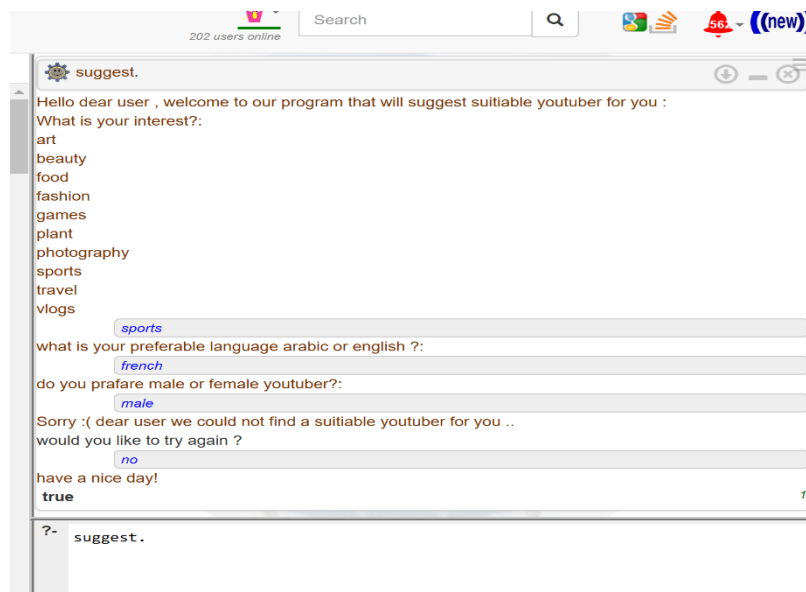
Youtuber

Recommendation Decision System

Output (2)



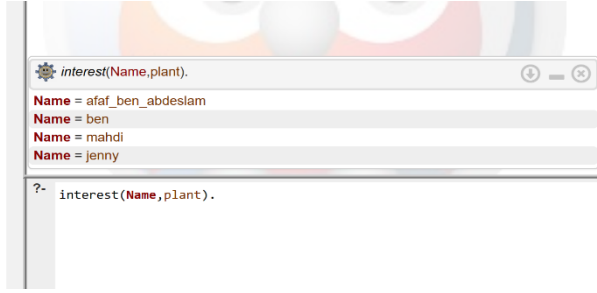

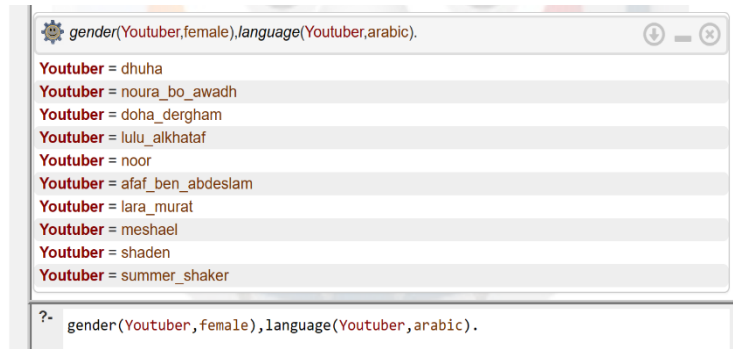
Output (3)



Youtuber

Recommendation Decision System


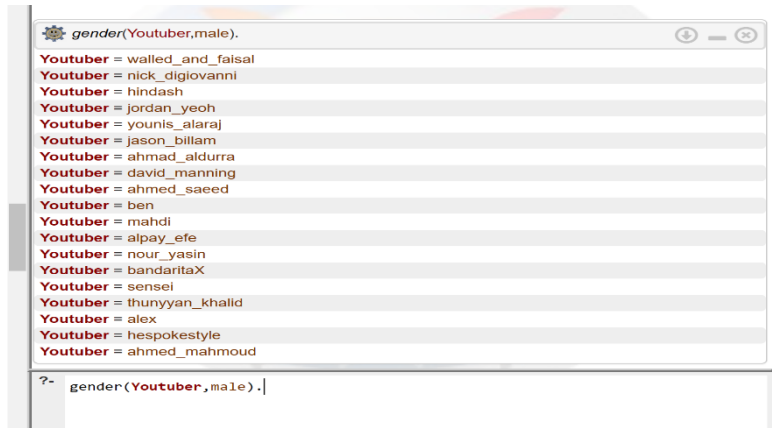
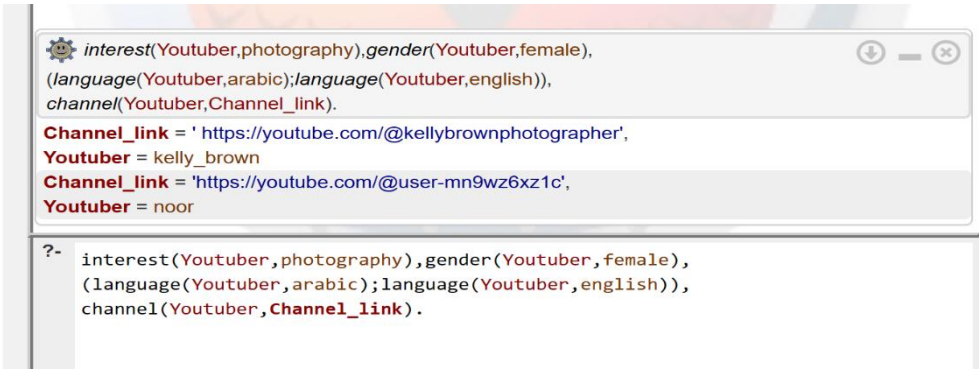
Query samples of the code :

1	Query format: interest(Name,plant).
	Query explain: list all youtubers who are interested in plant.
	<p>Query run:</p> 
2	Query format: language(Name,english).
	Query explain: list all youtubers who are speak English.
	<p>Query run:</p> 
3	Query format: gender(Youtuber,female),language(Youtuber,arabic).
	Query explain: list all female youtubers who are speak Arabic.
	<p>Query run:</p> 

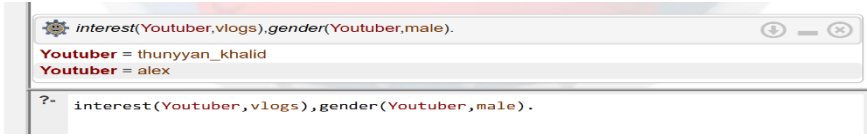
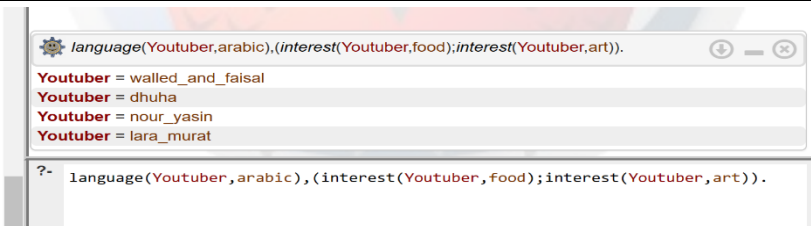



Youtuber

Recommendation Decision System

4	Query format: interest(Name,travel),language(Name,arabic), (gender(Name,male);gender(Name,female)) .
	Query explain: list all youtubers who are interested in travel , speak Arabic and could be male or female.
	Query run: <div>  <pre> interest(Name,travel),language(Name,arabic), (gender(Name,male);gender(Name,female)) . Name = ahmad_aldurra Name = lulu_alkhataf ?- interest(Name,travel),language(Name,arabic), (gender(Name,male);gender(Name,female)) . </pre> </div>
5	Query format: gender(Youtuber,male).
	Query explain: list all male youtubers .
	Query run: <div>  <pre> gender(Youtuber,male). Youtuber = walled_and_faisal Youtuber = nick_digiovanni Youtuber = hindash Youtuber = jordan_yeoh Youtuber = younis_alaraj Youtuber = jason_billam Youtuber = ahmad_aldurra Youtuber = david_manning Youtuber = ahmed_saeed Youtuber = ben Youtuber = mahdi Youtuber = alpay_efe Youtuber = nour_yasin Youtuber = bandaritaX Youtuber = sensei Youtuber = thunyyan_khalid Youtuber = alex Youtuber = hespokestyle Youtuber = ahmed_mahmoud ?- gender(Youtuber,male). </pre> </div>
6	Query format: interest(Youtuber,photography),gender(Youtuber,female), (language(Youtuber,arabic);language(Youtuber,english)),channel(Youtuber,Channel_link).
	Query explain: list all youtube with there channel link who are interested in photography and female and they could speak Arabic or English.
	Query run: <div>  <pre> interest(Youtuber,photography),gender(Youtuber,female), (language(Youtuber,arabic);language(Youtuber,english)), channel(Youtuber,Channel_link). Channel_link = 'https://youtube.com/@kellybrownphotographer', Youtuber = kelly_brown Channel_link = 'https://youtube.com/@user-mn9wz6xz1c', Youtuber = noor ?- interest(Youtuber,photography),gender(Youtuber,female), (language(Youtuber,arabic);language(Youtuber,english)), channel(Youtuber,Channel_link) . </pre> </div>



7	Query format: <code>interest(Youtuber,vlogs),gender(Youtuber,male).</code>
	Query explain: list all youtubers who are interested in vlogs and male
	Query run: 
8	Query format: <code>language(Youtuber,arabic),(interest(Youtuber,food);interest(Youtuber,art)).</code>
	Query explain: list all youtubers who are speak Arabic and interested in food or art.
	Query run: 
9	Query format: <code>interest(Youtuber,Interest),gender(Youtuber,female),language(Youtuber,arabic).</code>
	Query explain: list all youtuber with there interest who are speak Arabic and female.
	Query run: 
10	Query format: <code>language(Youtuber,arabic),(gender(Youtuber,male);gender(Youtuber,female)), (interest(Youtuber,fashion);interest(Youtuber,vlogs);interest(Youtuber,plant)).</code>
	Query explain: list all youtubers who are speak Arabic and there gender is male or female and they are interested in fashion or vlogs or plant.
	Query run: 