

%This suggests rule asks 6 questions to the user and reads/accepts 6 inputs which we defined in our system

suggest(S):-write('What city do you want ?'),read(C),write('What type of activity are you looking for ?'),read(A),write('Solo or group activity ?'),read(O),write('What is your mood ?'),read(M),write('What is your gender ?'),read(G),write(' In or Out door ?'),read(D),activity(S,C,A,O,M,G,D).

% The activity rules recommend a link according to the inputs defined, whether it was for Jeddah or Riyadh cities, these links are either actual places to visit or activities to do either indoors or outdoors based on the mood, gender, activity type, and Solo or group

% All Activities in Jeddah

%Educational Activity places/practices to do

activity('https://www.studytogether.com/', C,A,O,M,G,D):-C=jeddah, A=educational, ((O=solo);(O=group)), ((M=sad);(M=stressed)),((G=female);(G=male)),D=indoor,!.
activity('https://t.co/NTFWwyzRmn', C,A,O,M,G,D):-C=jeddah, A=educational, ((O=solo);(O=group)), ((M=happy);(M=enthusiastic)),((G=female);(G=male)),D=indoor,!.
activity('https://www.instagram.com/wandco_sa/', C,A,O,M,G,D):-C=jeddah, A=educational, ((O=solo);(O=group)), ((M=sad);(M=stressed)),((G=female);(G=male)),D=outdoor,!.
activity ('https://www.visitsaudi.com/ar/do/culture/tayebat-museum', C,A,O,M,G,D):-C=jeddah, A=educational, ((O=solo);(O=group)), ((M=happy);(M=enthusiastic)),((G=female);(G=male)),D=outdoor,!.
%Entertaining Activity places/practices to do
activity('https://www.instagram.com/artyc.cafe/', C,A,O,M,G,D):-C=jeddah, A=entertaining, ((O=solo);(O=group)), ((M=happy);(M=enthusiastic)),((G=female);(G=male)),D=indoor,!.
activity('https://www.instagram.com/myretreat_studio/', C,A,O,M,G,D):-C=jeddah, A=entertaining, ((O=solo);(O=group)), ((M=sad);(M=stressed)), ((G=female);(G=male)),D=indoor,!.
activity('https://www.instagram.com/jeddahcyclingcommunity/', C,A,O,M,G,D):-C=jeddah, A=entertaining, ((O=solo);(O=group)), ((M=happy);(M=enthusiastic)),((G=female);(G=male)),D=outdoor,!.
activity('https://www.instagram.com/deeratna.sa/', C,A,O,M,G,D):-C=jeddah, A=entertaining, O=group, ((M=sad);(M=stressed)), ((G=female);(G=male)),D=outdoor,!.
%Athletic Activity places/practices to do
activity('https://www.fitnessime.com.sa/en-us', C,A,O,M,G,D):-C=jeddah, A=athletic, ((O=solo);(O=group)), ((M=happy);(M=enthusiastic)),((G=female);(G=male)),D=indoor,!.
activity('https://b-padel.sa/', C,A,O,M,G,D):-C=jeddah, A=athletic, ((O=solo);(O=group)), ((M=happy);(M=enthusiastic)),((G=female);(G=male)),D=outdoor,!.
activity('https://www.instagram.com/karama_yoga/?utm_source=ig_embed&ig_rid=5a66d0bb-37be-4647-989e-f44a59a67e36', C,A,O,M,G,D):-C=jeddah, A=athletic, ((O=solo);(O=group)), ((M=sad);(M=stressed)), ((G=female);(G=male)),D=indoor,!.
activity('https://saudisafari.com/2018/01/15/fishing-trips/', C,A,O,M,G,D):-C=jeddah, A=athletic, ((O=solo);(O=group)), ((M=sad);(M=stressed)),((G=female);(G=male)),D=outdoor,!.

%Art Activity places/practices to do

activity('https://daratsb.com/', C,A,O,M,G,D):-C=jeddah, A=art, ((O=solo);(O=group)), ((M=happy);(M=enthusiastic)),((G=female);(G=male)),D=indoor,!.
activity('https://www.visitsaudi.com/ar/see-do/destinations/jeddah/summer-night-adventures-in-al-balad', C,A,O,M,G,D):-C=jeddah, A=art, ((O=solo);(O=group)), ((M=happy);(M=enthusiastic)),((G=female);(G=male)),D=outdoor,!.
activity('https://www.youtube.com/@iabet-consciousnessthrough6111', C,A,O,M,G,D):-C=jeddah, A=art, ((O=solo);(O=group)), ((M=sad);(M=stressed)),((G=female);(G=male)),D=indoor,!.
activity('https://www.visitsaudi.com/en/do/adventure-activities/stargazing-in-moon-valley', C,A,O,M,G,D):-C=jeddah, A=art, ((O=solo);(O=group)), ((M=sad);(M=stressed)),((G=female);(G=male)),D=outdoor,!.

%Self-Care Activity places/practices to do

activity('https://www.instagram.com/oriana_salonandspa/', C,A,O,M,G,D):-C=jeddah, A=self-care, ((O=solo);(O=group)), ((M=happy);(M=enthusiastic)),G=female,((D=indoor);(D=outdoor)),!.
activity('https://www.instagram.com/spatogoseservices/', C,A,O,M,G,D):-C=jeddah, A=self-care, ((O=solo);(O=group)), ((M=sad);(M=stressed)),G=female,D=indoor,!.
activity('https://www.visitsaudi.com/ar/events/prince-majed-park', C,A,O,M,G,D):-C=jeddah, A=self-care, ((O=solo);(O=group)), ((M=sad);(M=stressed)),((G=female);(G=male)),D=outdoor,!.
activity('https://www.instagram.com/enayacare.men/', C,A,O,M,G,D):-C=jeddah, A=self-care, ((O=solo);(O=group)), ((M=happy);(M=enthusiastic)),G=male,((D=indoor);(D=outdoor)),!.
activity('https://www.youtube.com/@Asmacooks/videos', C,A,O,M,G,D):-C=jeddah, A=self-care, ((O=solo);(O=group)),((M=sad);(M=stressed)),G=male,((D=indoor);(D=outdoor)),!.

%Food Activity places/practices to do

activity('https://hungerstation.com/sa-en', C,A,O,M,G,D):-C=jeddah, A=food, ((O=solo);(O=group)), ((M=happy);(M=enthusiastic)),((G=female);(G=male)),D=indoor,!.
activity('https://www.movenpick.com/ar/middle-east/saudi-arabia/jeddah/resort-jeddah-al-nawras/restaurants/al-wadaa-restaurant.html', C,A,O,M,G,D):-C=jeddah, A=food, ((O=solo);(O=group)), ((M=happy);(M=enthusiastic)),((G=female);(G=male)),D=outdoor,!.
activity('https://www.youtube.com/@CozinhaComigo/videos', C,A,O,M,G,D):-C=jeddah, A=food, ((O=solo);(O=group)), ((M=sad);(M=stressed)),((G=female);(G=male)),D=indoor,!.
activity('https://jeddahnight.com/venue/paplos-restaurant-%D9%85%D8%B7%D8%B9%D9%85-%D8%A8%D8%A7%D8%A8%D9%84%D9%88%D8%B2/', C,A,O,M,G,D):-C=jeddah, A=food, ((O=solo);(O=group)), ((M=sad);(M=stressed)),((G=female);(G=male)),D=outdoor,!.

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% all Activities in Riyadh

%Educational Activity places/practices to do

activity('https://instagram.com/dearyou.sa?igshid=YmMyMTA2M2Y=' , C,A,O,M,G,D):-C=riyadh ,
A=educational , ((O=solo);(O=group)), ((M=sad);(M=stressed)) , ((G=female);(G=male)) , D=indoor,!.
activity('https://instagram.com/focus_sa_?igshid=YmMyMTA2M2Y=' , C,A,O,M,G,D):-C=riyadh ,
A=educational , ((O=solo);(O=group)) , ((M=happy);(M=enthusiastic)) , ((G=female);(G=male)) , D=indoor,!.
activity('https://instagram.com/capricafe_sa?igshid=YmMyMTA2M2Y=' , C,A,O,M,G,D):-C=riyadh ,
A=educational , ((O=solo);(O=group)) , ((M=sad);(M=stressed)) , ((G=female);(G=male)) , D=outdoor,!.
activity('https://instagram.com/strangers.coffee?igshid=YmMyMTA2M2Y=' , C,A,O,M,G,D):-C=riyadh ,
A=educational , ((O=solo);(O=group)) , ((M=happy);(M=enthusiastic)),((G=female);(G=male)),D=outdoor,!.

%Entertaining Activity places/practices to do

activity('https://instagram.com/theboulevard_riyadh?igshid=YmMyMTA2M2Y=' , C,A,O,M,G,D):-C=riyadh ,
A=entertaining , ((O=solo);(O=group)), M=happy,((G=female);(G=male)),D=outdoor,!.
activity('https://book.visitsaudi.com/sa-en/experiences/Riyadh/Adventure/camp-dalila-1-day-pass?_ga=2.9161973.1145960075.1673618374-1730643692.1673618374' , C,A,O,M,G,D):-C=riyadh ,
A=entertaining , ((O=solo);(O=group)), M=enthusiastic,((G=female);(G=male)),D=outdoor,!.
activity('https://www.instagram.com/p/ChzbfIJqGO5/?igshid=NDk5N2NlZjQ=' , C,A,O,M,G,D):-C=riyadh ,
A=entertaining , ((O=solo);(O=group)), ((M=sad);(M=stressed)),(G=female),D=indoor,!.
activity('https://www.instagram.com/p/Cm9vnORrVcy/?igshid=NDk5N2NlZjQ=' , C,A,O,M,G,D):-C=riyadh ,
A=entertaining , ((O=solo);(O=group)), ((M=sad);(M=stressed)),(G=male),D=indoor,!.
activity('https://www.instagram.com/p/CkgfOo3lgrl/?igshid=NDk5N2NlZjQ=' , C,A,O,M,G,D):-C=riyadh ,
A=entertaining , ((O=solo);(O=group)), ((M=happy);(M=enthusiastic)),((G=female);(G=male)),D=indoor,!.
activity('https://www.instagram.com/p/Ck0sqdhovca/?igshid=NDk5N2NlZjQ=' , C,A,O,M,G,D):-C=riyadh ,
A=entertaining , ((O=solo);(O=group)), ((M=sad);(M=stressed)),((G=female);(G=male)),D=outdoor,!.

%Athletic Activity places/practices to do

activity('https://www.instagram.com/p/CnIHT-nrwap/?igshid=NDk5N2NlZjQ=' , C,A,O,M,G,D):-C=riyadh ,
A=athletic , ((O=solo);(O=group)), ((M=sad);(M=stressed)),((G=female);(G=male)),D=outdoor,!.
activity('https://www.instagram.com/p/CnAPRNorqZN/?igshid=NDk5N2NlZjQ=' , C,A,O,M,G,D):-C=riyadh ,
A=athletic , ((O=solo);(O=group)), M=enthusiastic,((G=female);(G=male)),D=outdoor,!.
activity('https://www.instagram.com/p/CfXQSiAutcE/?igshid=NDk5N2NlZjQ=' , C,A,O,M,G,D):-C=riyadh ,
A=athletic , ((O=solo);(O=group)), M=happy,((G=female);(G=male)),D=outdoor,!.
activity('https://www.instagram.com/p/CjxqbEmqUwj/?igshid=NDk5N2NlZjQ=' , C,A,O,M,G,D):-C=riyadh ,
A=athletic , ((O=solo);(O=group)), ((M=happy);(M=enthusiastic)),G=female,D=indoor,!.
activity('https://instagram.com/intervalplus?igshid=NDk5N2NlZjQ=' , C,A,O,M,G,D):-C=riyadh , A=athletic ,
((O=solo);(O=group)), ((M=happy);(M=enthusiastic)),G=male,D=indoor,!.

activity('https://instagram.com/oz_yoga_studio?igshid=NDk5N2NlZjQ=', C,A,O,M,G,D):-C=riyadh, A=athletic, ((O=solo);(O=group)), ((M=sad);(M=stressed)),G=male,D=indoor,!.
activity('https://instagram.com/exhale yoga.sa?igshid=YmMyMTA2M2Y=', C,A,O,M,G,D):-C=riyadh, A=athletic, ((O=solo);(O=group)), ((M=sad);(M=stressed)),G=female ,D=indoor,!.

%Art Activity places/practices to do

activity('Naila Art Gallery (@gallerynaila) • Instagram photos and videos', C,A,O,M,G,D):-C=riyadh, A=art, ((O=solo);(O=group)), ((M=happy);(M=enthusiastic)),((G=female);(G=male)),D=indoor,!.
activity('National Museum of Saudi Arabia - Bing Maps', C,A,O,M,G,D):-C=riyadh, A=art, ((O=solo);(O=group)), ((M=happy);(M=enthusiastic)),((G=female);(G=male)),D=outdoor,!.
activity('طويق للنحت - Riyadh Art', C,A,O,M,G,D):-C=riyadh, A=art, ((O=solo);(O=group)), ((M=sad);(M=stressed)),((G=female);(G=male)),D=outdoor,!.
activity('https://instagram.com/focus_sa_?igshid=YmMyMTA2M2Y=', C,A,O,M,G,D):-C=riyadh, A=art, ((O=solo);(O=group)), ((M=sad);(M=stressed)),((G=female);(G=male)),D=indoor,!.

%Self-Care Activity places/practices to do

activity('Sparadise Home Spa | Riyadh (@sparadise.hs) • Instagram photos and videos', C,A,O,M,G,D):-C=riyadh, A=self-care, ((O=solo);(O=group)), ((M=happy);(M=enthusiastic);(M=sad);(M=stressed)),((G=female);(G=male)),D=indoor,!.
activity('Maison De Belle (@maisondebelle_riyadh) • Instagram photos and videos', C,A,O,M,G,D):-C=riyadh, A=self-care, ((O=solo);(O=group)), ((M=happy);(M=enthusiastic);(M=sad);(M=stressed)),G=female,D=outdoor,!.
activity('https://www.instagram.com/fourseasons/', C,A,O,M,G,D):-C=riyadh, A=self-care, ((O=solo);(O=group)), ((M=happy);(M=enthusiastic);(M=sad);(M=stressed)),G=male,D=outdoor,!.

%Food Activity places/practices to do

activity('https://www.mandarinoriental.com/en/riyadh/olaya/dine/the-globe?src=loc.local_listing.moryd.yxt', C,A,O,M,G,D):-C=riyadh, A=food, ((O=solo);(O=group)), M=happy,((G=female);(G=male)),((D=indoor);(D=outdoor)),!.
activity('https://instagram.com/mnkyhseksa?igshid=NDk5N2NlZjQ=', C,A,O,M,G,D):-C=riyadh, A=food, ((O=solo);(O=group)), M=enthusiastic,((G=female);(G=male)),D=indoor,!.
activity('https://instagram.com/legrenierapain.me?igshid=NDk5N2NlZjQ=', C,A,O,M,G,D):-C=riyadh, A=food, ((O=solo);(O=group)), M=enthusiastic,((G=female);(G=male)),D=outdoor,!.
activity('https://instagram.com/okto.sa?igshid=NDk5N2NlZjQ=', C,A,O,M,G,D):-C=riyadh, A=food, ((O=solo);(O=group)), ((M=sad);(M=stressed)),((G=female);(G=male)),((D=indoor);(D=outdoor)),!.

%Facts of the cities defined in the system

city(jeddah).

city(riyadh).

%Facts of activity types we defined in the system

activityType(educational).

activityType(entertaining).

activityType(athletic).

activityType(self-care).

activityType(art).

activityType(food).

%Facts of whether the activity is solo or group

soloOrGroup(solo).

soloOrGroup(group).

%Facts displaying the moods we defined in our system

mood(sad).

mood(stressed).

mood(happy).

mood(enthusiastic).

%Facts displaying that we defined the gender

gender(female).

gender(male).

%Facts displaying whether it is an indoor or outdoor activity

indoorOrOutdoor(indoor).

indoorOrOutdoor(outdoor).

%Facts about some URLs of places that were defined either in Jeddah or Riyadh

activityUrl('https://b-padel.sa/', athletic, outdoor, enthusiastic, male).

activityUrl('https://www.studytogether.com/', educational, indoor, sad, female).

activityUrl('https://t.co/NTFWwyzRmn', educational, indoor, happy, male).

activityUrl('https://www.instagram.com/wandco_sa/', educational, outdoor, sad, female).

activityUrl('https://www.visitsaudi.com/ar/do/culture/tayebat-museum', educational, outdoor, enthusiastic, male).

activityUrl('https://www.instagram.com/arty.cafe/', entertaining, indoor, happy, female).

activityUrl('https://www.instagram.com/myretreat_studio/', entertaining, indoor, sad, male).

activityUrl('https://www.instagram.com/jeddahcyclingcommunity/', entertaining, outdoor, happy, female).

activityUrl('https://www.instagram.com/deeratna.sa/', entertaining, outdoor, stressed, male).

activityUrl('https://www.fitnessstime.com.sa/en-us', athletic, indoor, happy, female).

activityUrl('https://www.instagram.com/karama_yoga/?utm_source=ig_embed&ig_rid=5a66d0bb-37be-4647-989e-f...', athletic, outdoor, happy, female).

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