AI LAB ASSIGNMENT - 7

21BCE7371
RADHA KRISHNA GARG

SOL-1

```
likes(rani, mango).
likes(bilu, candy).
likes(mani, watersports).
girl(lilly).
green(rose).
owns(john, bike).
racer(rossi).
boy(ranga).
batman(rohit).
bowler(starc).
allrounder(hardik).
captain(rohit).
climbs(ram, tree).
drinks(anil, water).
red(apple).
t20_champions(england).
odi_champions(england).
test_champions(newzealand).
fifa_champion(france).
```

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likes(rani, mango).
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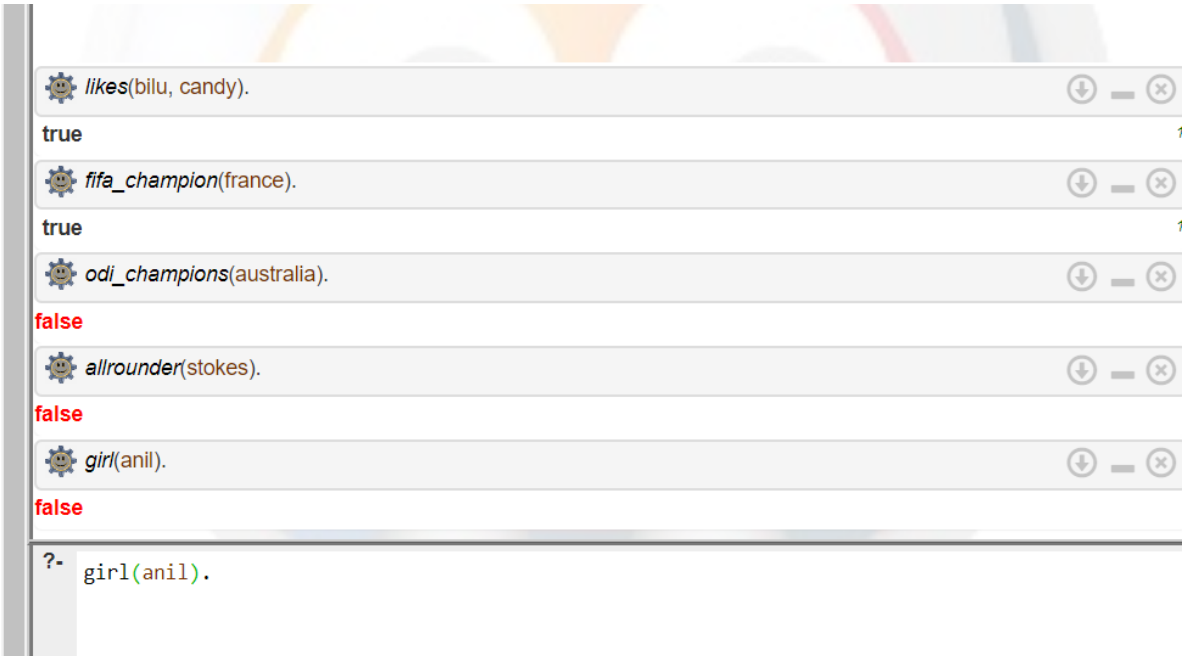
```

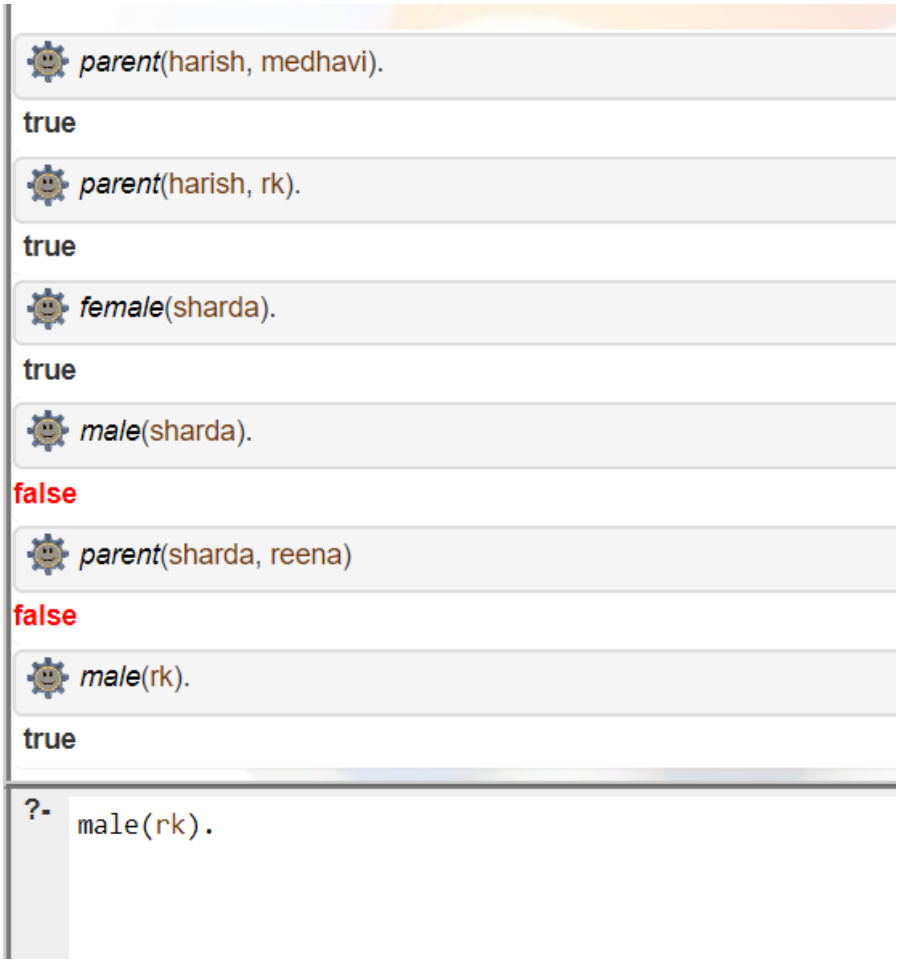
OUTPUT



SOL-2

```
male(nemi).
male(harish).
male(rk).
female(sharda).
female(reena).
female(juhi).
female(medhavi).
parent(nemi, harish).
parent(sharda,harish).
parent(harish, medhavi).
parent(reena, medhavi).
parent(harish, juhi).
parent(reena, juhi).
parent(harish, rk).
parent(reena, rk).
```

OUTPUT



SOL-3

```
symptom(chicken_pox, high_fever).
symptom(chicken_pox, chills).
symptom(flu, chills).
symptom(cold, mild_body_ache).
symptom(flu, severe_body_ache).
symptom(cold, runny_nose).
symptom(flu, runny_nose).
symptom(flu, moderate_cough).
symptom(chicken_pox, high_fever).
symptom(chicken_pox, chills).
symptom(flu, chills).
symptom(cold, mild_body_ache).
symptom(flu, severe_body_ache).
symptom(cold, runny_nose).
symptom(flu, runny_nose).
symptom(flu, moderate_cough).
```

```
1  symptom(chicken_pox, high_fever).
2  symptom(chicken_pox, chills).
3  symptom(flu, chills).
4  symptom(cold, mild_body_ache).
5  symptom(flu, severe_body_ache).
6  symptom(cold, runny_nose).
7  symptom(flu, runny_nose).
8  symptom(flu, moderate_cough).
9  symptom(chicken_pox, high_fever).
10 symptom(chicken_pox, chills).
11 symptom(flu, chills).
12 symptom(cold, mild_body_ache).
13 symptom(flu, severe_body_ache).
14 symptom(cold, runny_nose).
15 symptom(flu, runny_nose).
16 symptom(flu, moderate_cough).
```

OUTPUT