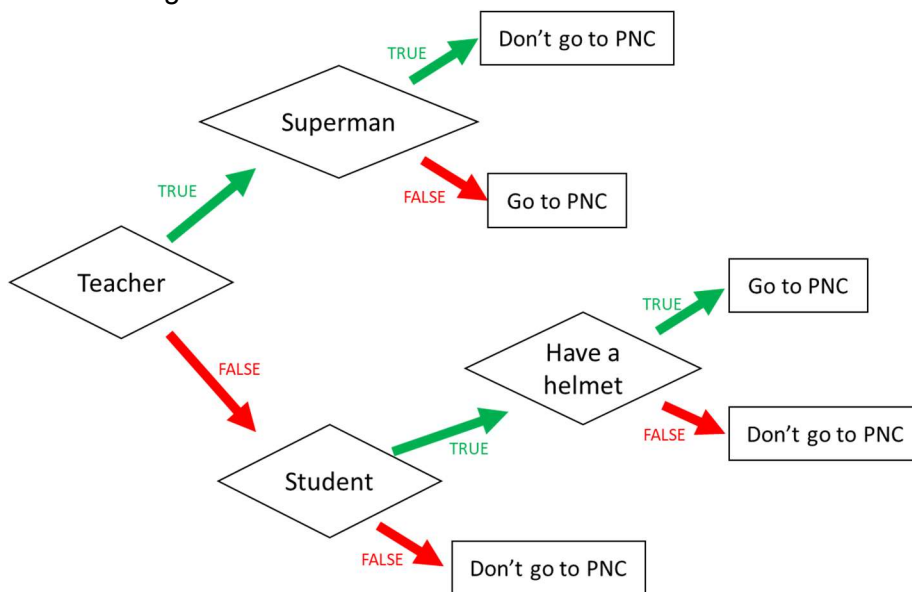


C3- S7 PRACTICE

Ex 1: Can I go to PNC?

1. I am a teacher and I am superman, can I go to PNC? no
2. I am not a teacher and not a student, can I go to PNC? NO
3. When can I go to PNC?



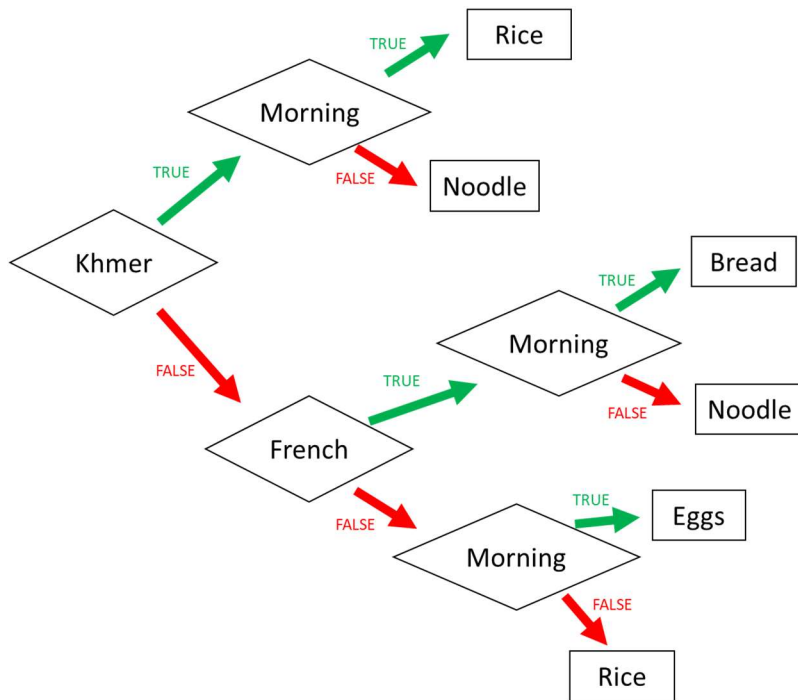
using a Boolean expression)

ress the condition

I go to PNC if:

1. Teacher and not supermen
2. Or don't a teacher and student and have a helmet.

Ex 2: What do I eat?

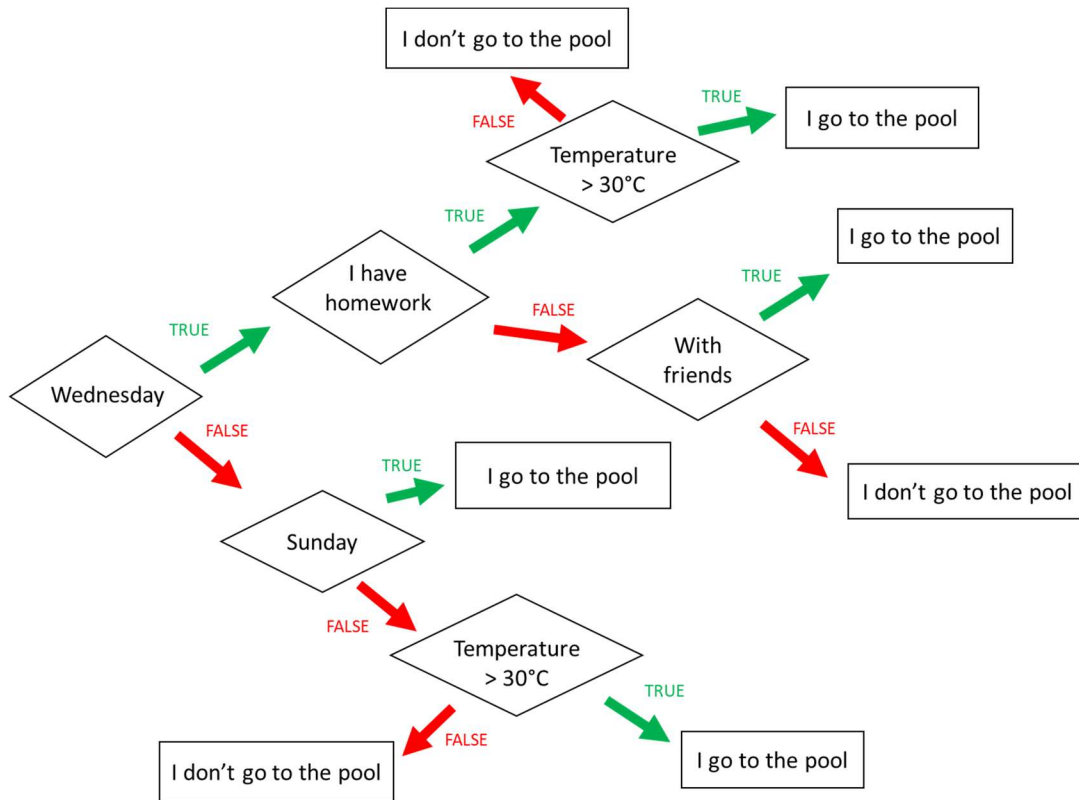


1. I am Khmer and it is the evening. What do I eat? noodle
2. I am French and it is the morning. What do I eat? Rice
3. I am American and it is the morning. What do I eat? Egg
4. When do I eat rice? (Express the condition using a Boolean expression)

I eat rice if:

1. (Khmer and morning) or
2. Don't khmer **and** don't french **and** not morning.

Ex 3: Do I go to the pool?



Input 1 :

- Wednesday
- Temperature = 31°C
- **Homework**

☐ Do I go to the pool ? Yes

Input 2 :

- Monday
- Temperature = 35°C
- I have no friend

☐ Do I go to the pool ? Yes

Input 3 :

- Wednesday
- I have **no** homework
- I'm with friends
- Temperature = 28°C

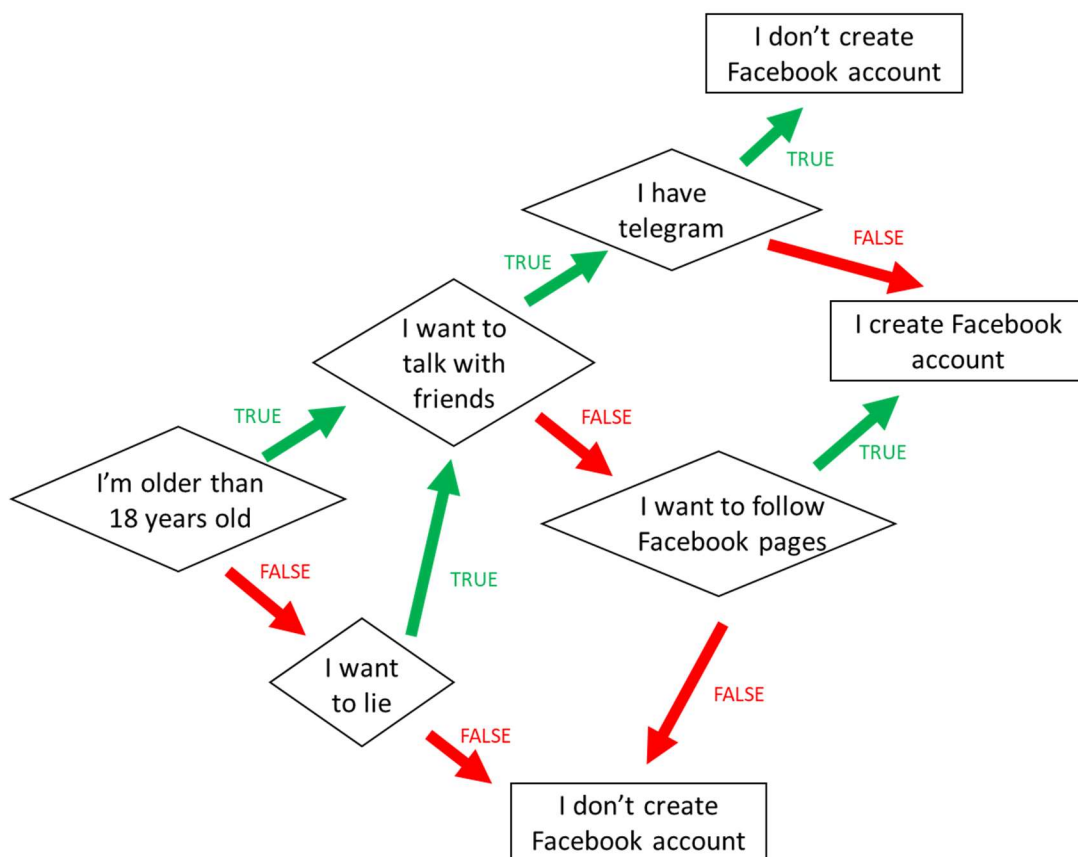
☐ Do I go to the pool ? Yes

When do I go to the pool ? (Express the condition using a Boolean expression)

I go to the pool if :

I go to the pool if
Wednesday AND homework AND temperature > 30°C OR
Wednesday AND no homework AND friends OR
Sunday OR
Not Wednesday AND not Sunday AND temperature > 30°C

Ex4: Do I create a Facebook account?



1. When do I create a Facebook account? (Express the condition using a Boolean expression)

I create facebook if:

I'm older than 18 years old **AND** I want to talk with friends **And** i haven't telegram
OR I'm older than 18 years old **AND** I dont'want to talk with friends **AND** I want to follow
facebook pages **And** create facebook account.

2. When **don't** I create a Facebook account? (*Express the condition using a Boolean expression*)

I don't create a Facebook account If :

I'm not older than 18 years old **AND** I don't want to lie. OR

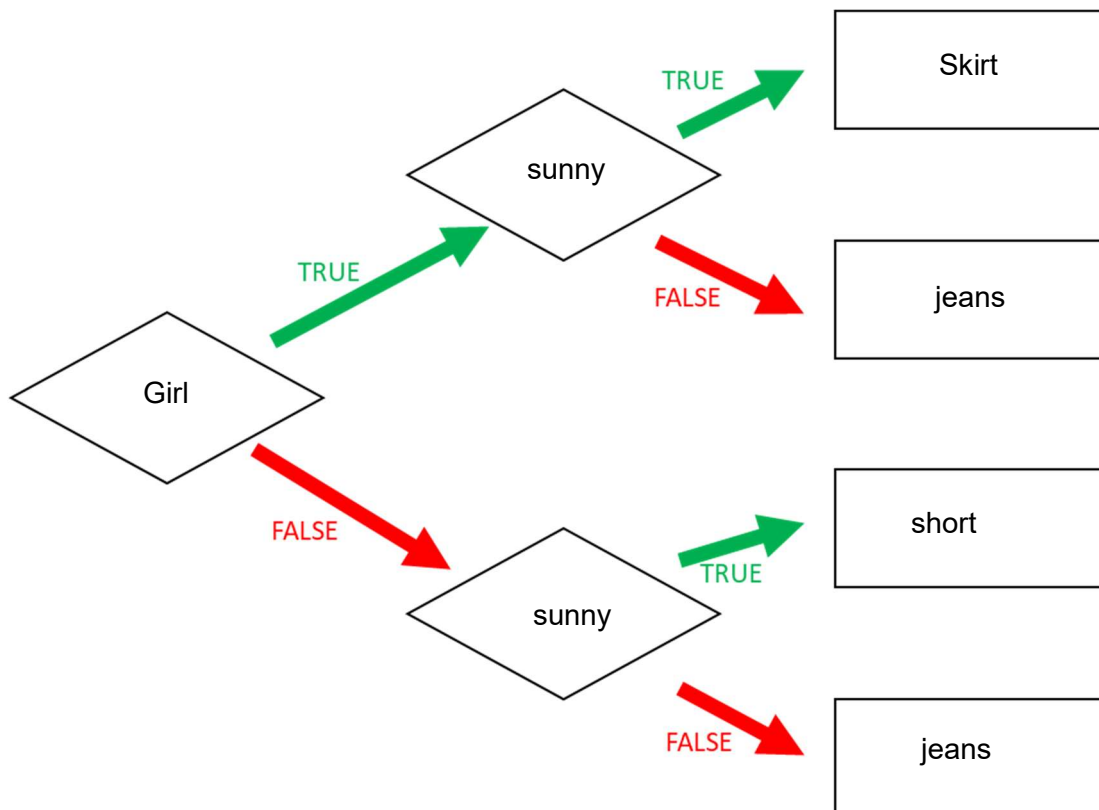
I'm older than 18 years old **AND** I want to talk with friends **And** i have telegram

OR I'm older than 18 years old **AND** I want to talk with friends **AND** I want to follow facebook pages

Ex5: Create the chart flow

Q1 Complete the char flow to follow those rules:

- If I am a girl and it is sunny, I wear a skirt
- If I am a girl and it is not sunny, I wear jeans
- If I am a boy and it is sunny, I wear a short
- If I am a boy and it is not sunny, I wear jeans



Q1 When do I wear jeans? (*Express the condition using a Boolean expression*)

Girl and not sunny.

Or not girl and not sunny.