

Coding Basics 2

Step Three Examples

Control Flow: Trefoil & Promise

```
graphic("trefoil", 0, 0);  
displayGirlScoutPromise(0,0);
```



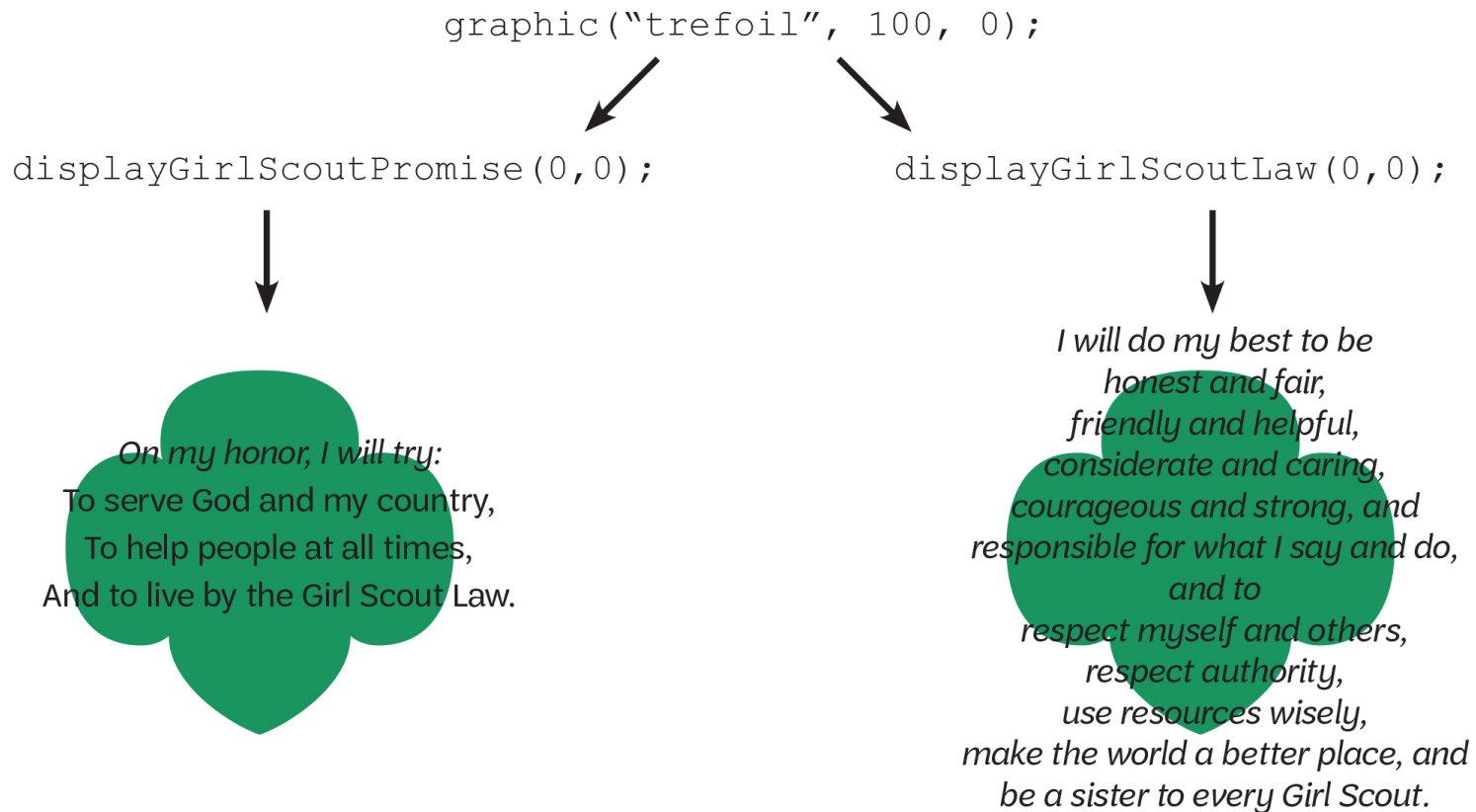
On my honor, I will try:
To serve God and my country,
To help people at all times,
And to live by the Girl Scout Law.

```
displayGirlScoutPromise(0,0);  
graphic("trefoil", 0, 0);
```

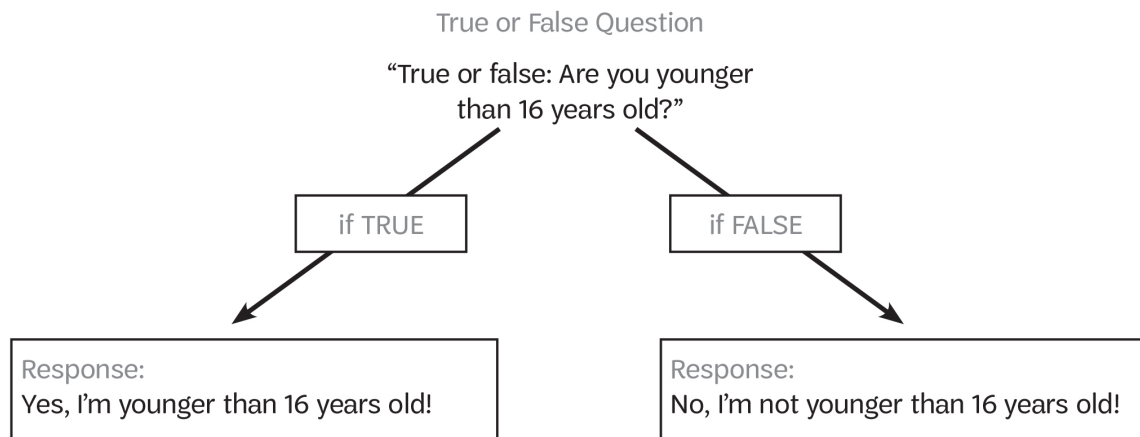


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Control Flow: Promise or Law



The control flow either follows one path or the other, but not both.

Boolean Example

Notice the FALSE response isn't "No, I'm older than 16". If someone is exactly 16 years old, they will still end up in the false response. (A 16 year old is not younger than 16).

Good Examples:

“True or false: Are you a Girl Scout?”

TRUE - “Yes I’m a girl scout” – This is probably true for the girls in the room.

FALSE - “No, I’m not a girl scout!”

“True or false: Am I older than you?” This is a personal question but it is about a fact.

TRUE – I’m older than you!

FALSE – I’m not older than you! (This can include being the same age)

Bad Examples:

“True or false: Where do you live?”

Although the answer will be factually true or false, the answer isn't literally TRUE or FALSE.

“True or false: Is pink better than green?”

This is an opinion-based question. While you might like pink more than green, others might not, so the question cannot be answered with true or false.

“True or false: What height are you?”

Although it's factual, the answer isn't true or false.