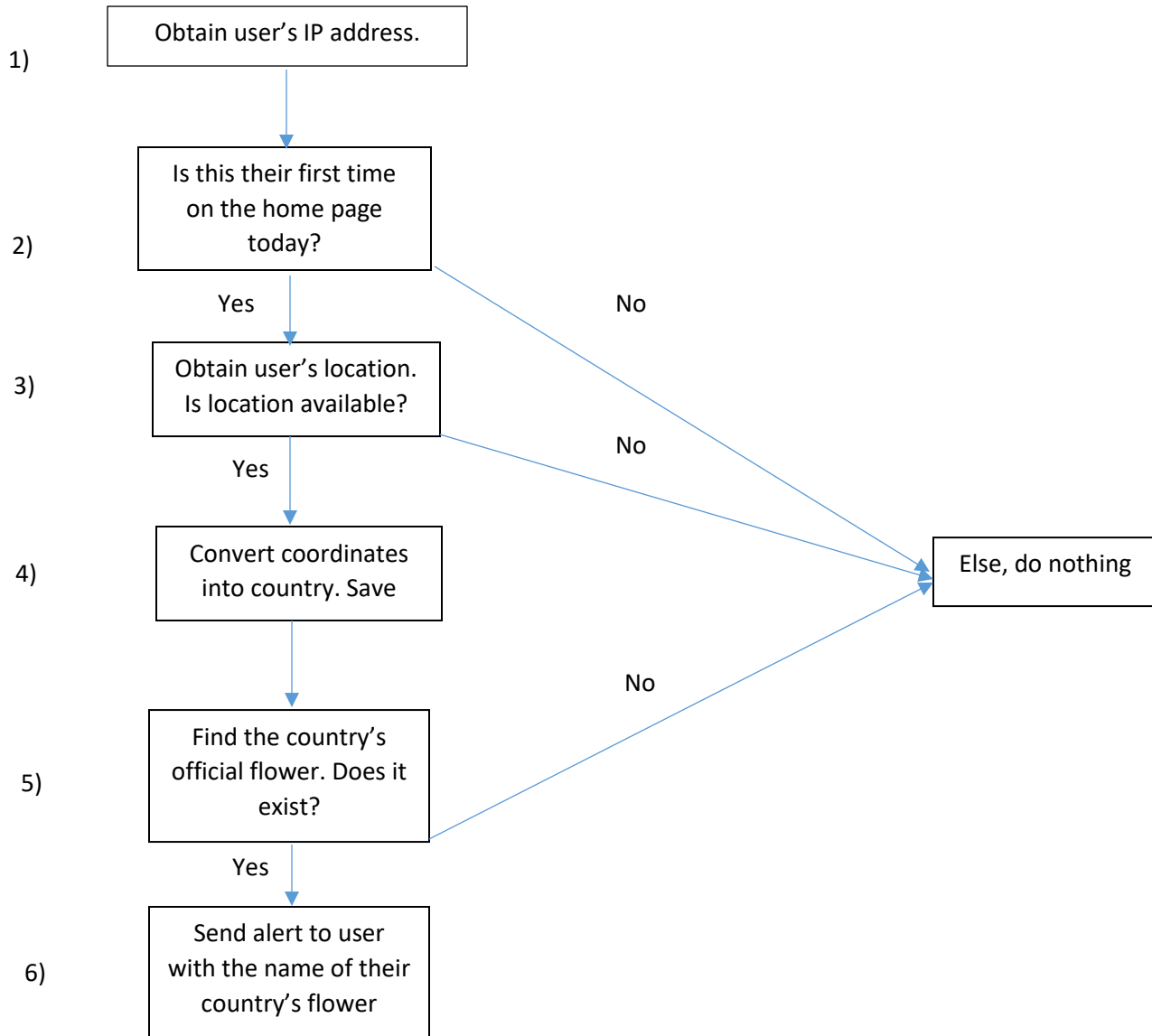# COMP266 Unit 5 – JavaScript Site Design

Design for a pop-up alert that informs user of their country's official flower

This is what happens when the user goes to the home page.

1)
```
Obtain user's IP address.
```

2)
```
Is this their first time
on the home page
today?
```
Yes   No

3)
```
Obtain user's location.
Is location available?
```
Yes   No

```
Else, do nothing
```

4)
```
Convert coordinates
into country. Save
```

No

5)
```
Find the country's
official flower. Does it
exist?
```
Yes

6)
```
Send alert to user
with the name of their
country's flower
```

More detailed design:

1) Obtain user's IP address
2) Detect if that user has already been to the home page on that day (I don't want the alert to come up more than once per day for the same user)
3) Get user's country of origin using geolocation API (var userCountry) using function getLocation and return the value

4) If location is available, use function getCountry to convert coordinates into the name of the country, using Google Maps Reverse Geocoding and return this value. Save this value so that I can access it and see website metrics in order to tailor my content.
5) Use function getFlower that returns name & picture of official plant (var flower), else nothing happens (no pop-up). In the function getFlower, use a switch statement that lists the countries and their official flowers then returns it. Ensure to include a default in case the user's country is not on the list. If default, do not display alert
6) Pop-up an alert on user's screen that says 'Your country's official flower is the ' + flower + ' Flower!' with the plant picture beside the text using JavaScript alert command