



```
Lessons[3] = 'Flow control';
```

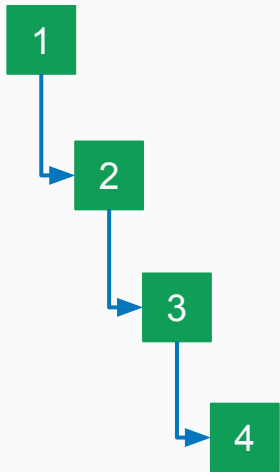
Flow control in JavaScript

Questions, questions, questions

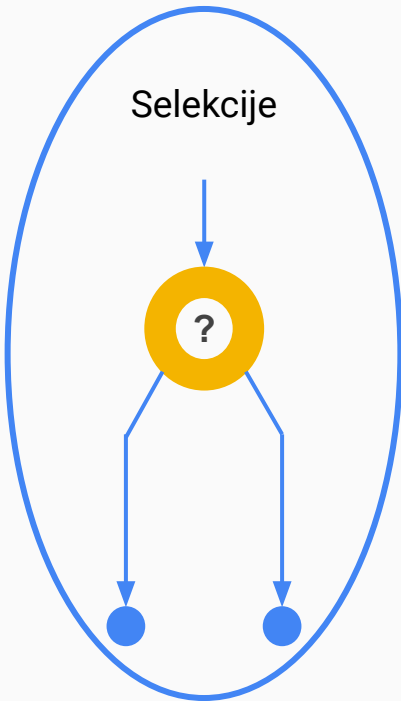
- Šta je to boolean tip podataka?
- Koje operatore poređenja imamo? Koji je rezultat?
- Logički operatori?
- String interpolation, concatenation?
- Pre inkrement, post inkrement?

Programming constructs

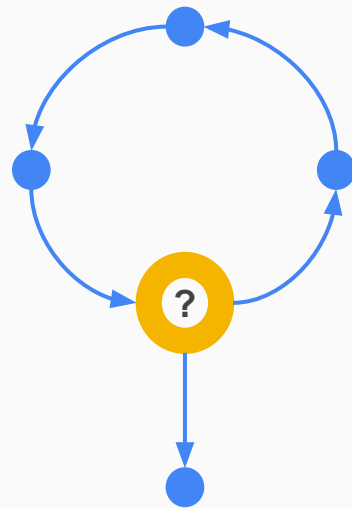
Sekvenca



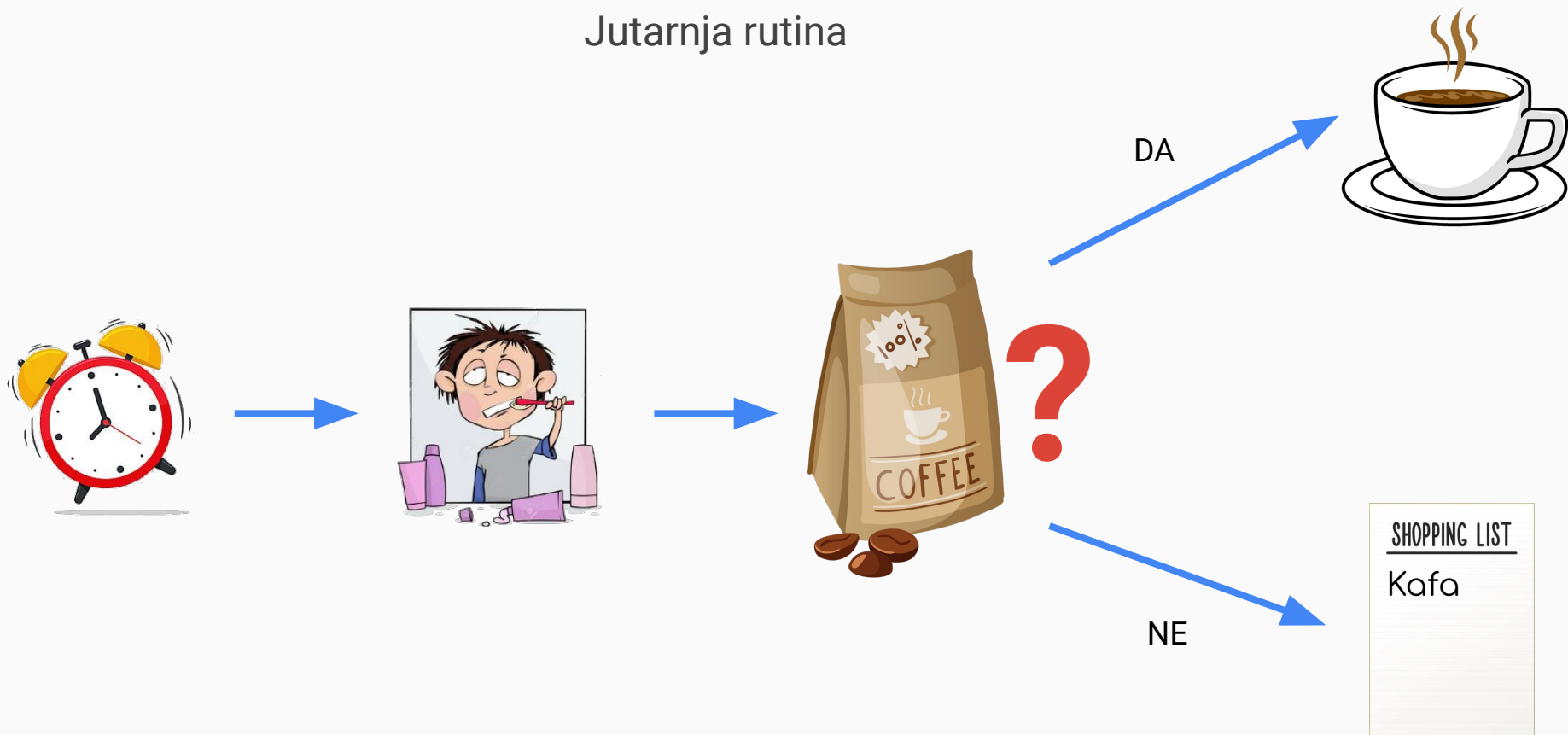
Selekcije



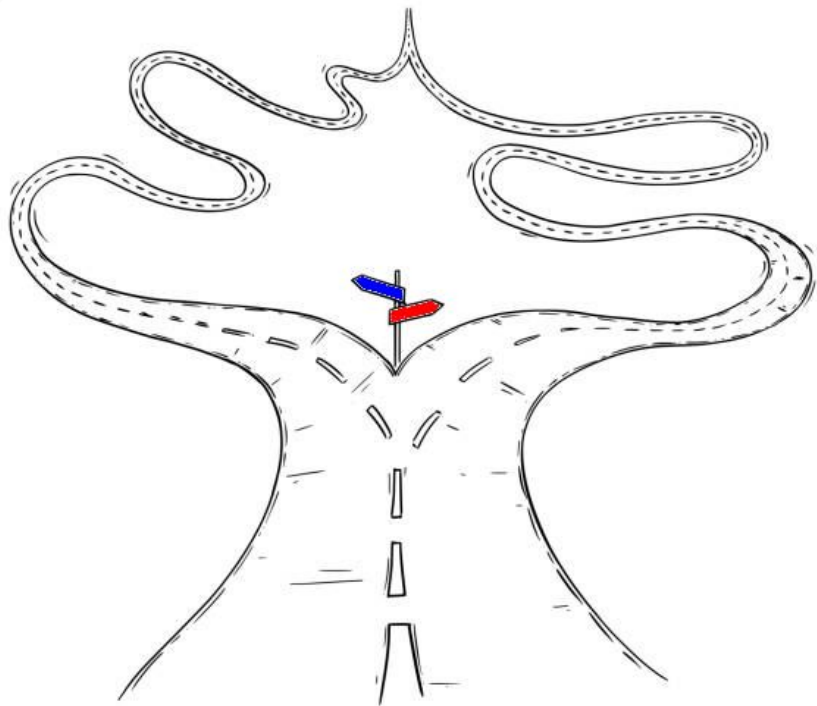
Ponavljanja



Jutarnja rutina

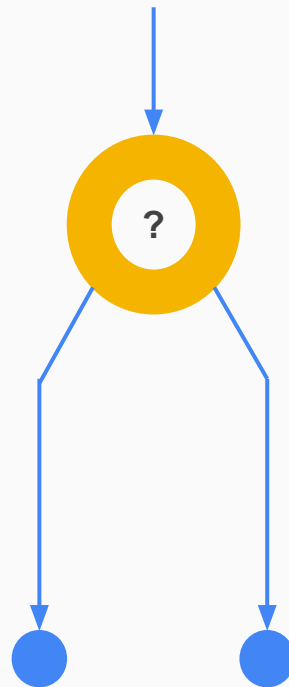


Decision making

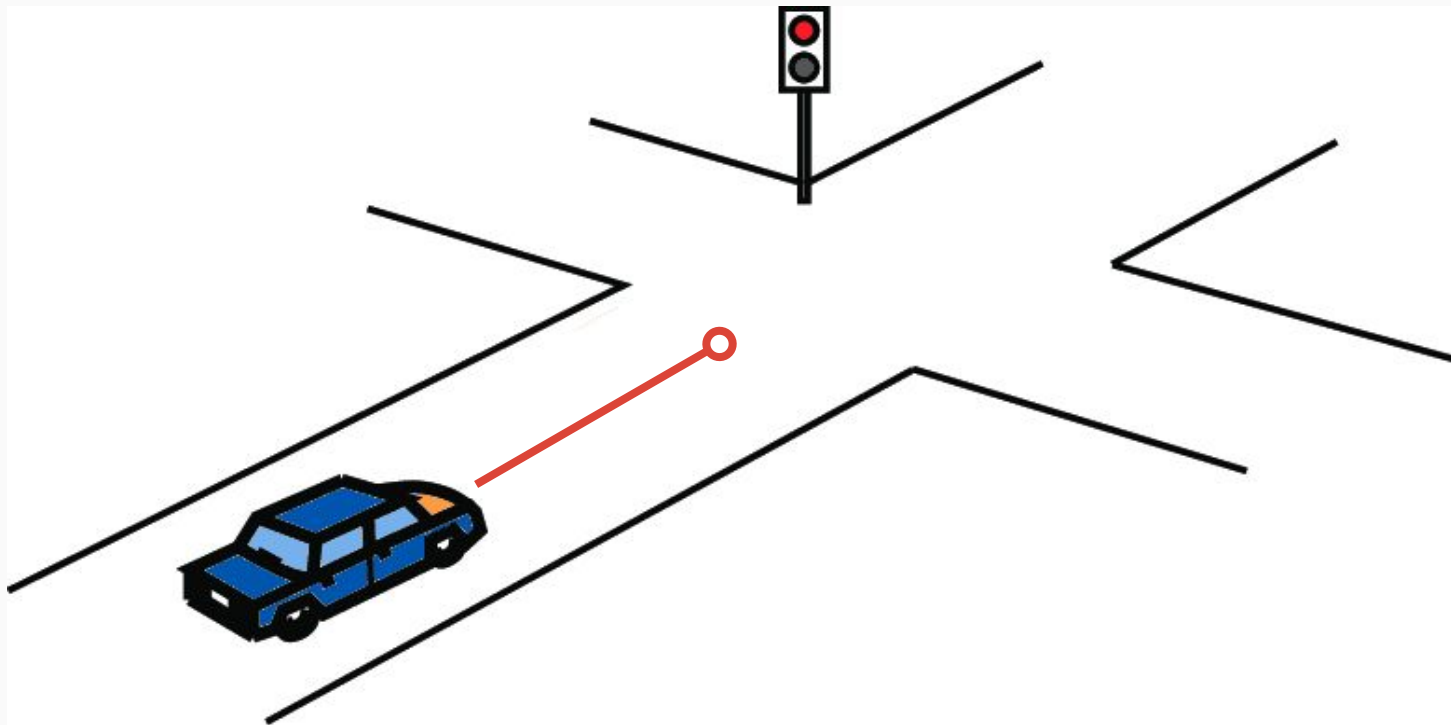


Selekcije

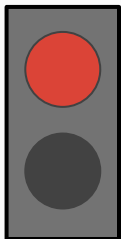
- Računar donosi odluku na osnovu nekih informacija
- Računar izvršava određenu akciju na osnovu predefinisanih uslova
- Omogućava kontrolu toka programa
- Grananje programa
- Postavlja se pitanje, i na osnovu odgovora izvršava se neka akcija



Self driving Car

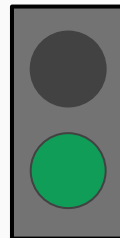


if izjave




Ako je **SVJETLO** na semaforu **CRVENO**, **ZAUSTAVI SE!**

Ako je **SVJETLO** na semaforu **ZELENO**, **VOZI!**



if izjave

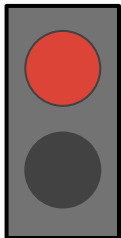
A screenshot of a VS Code editor window. The window has a dark theme and a title bar with three colored circles (red, yellow, green) on the left. The code is written in a light-colored font on a dark background. The code defines a variable 'car' with the value 'Edison', a variable 'action' with a template string, and a variable 'light' with the value 'Red'. It then uses two 'if' statements to update 'action' based on the value of 'light'. Finally, it logs the 'action' variable to the console.

```
1 let car = 'Edison';  
2  
3 let action = `${car} goes BRRR.`;  
4 let light = 'Red';  
5  
6 if (light == 'Red') {  
7   action = `${car} STOPS.`;  
8 }  
9  
10 if (light == 'Green') {  
11   action = `${car} goes BRRR.`;  
12 }  
13  
14 console.log(action);
```

Zadatak #1

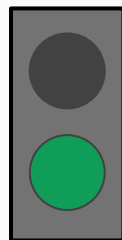
Za dva proizvoljna broja, provjeriti da li je njihova suma 10. Ako je je suma jednaka 10, ispisati u konzolu "Suma brojeva je 10." . Ako suma nije jednaka 10, onda ispisati u konzolu poruku "Suma brojeva nije jednaka 10."

if else izjave



Ako je **SVJETLO** na semaforu *CRVENO*, **ZAUSTAVI SE**,

u suprotnom, **VOZI!**



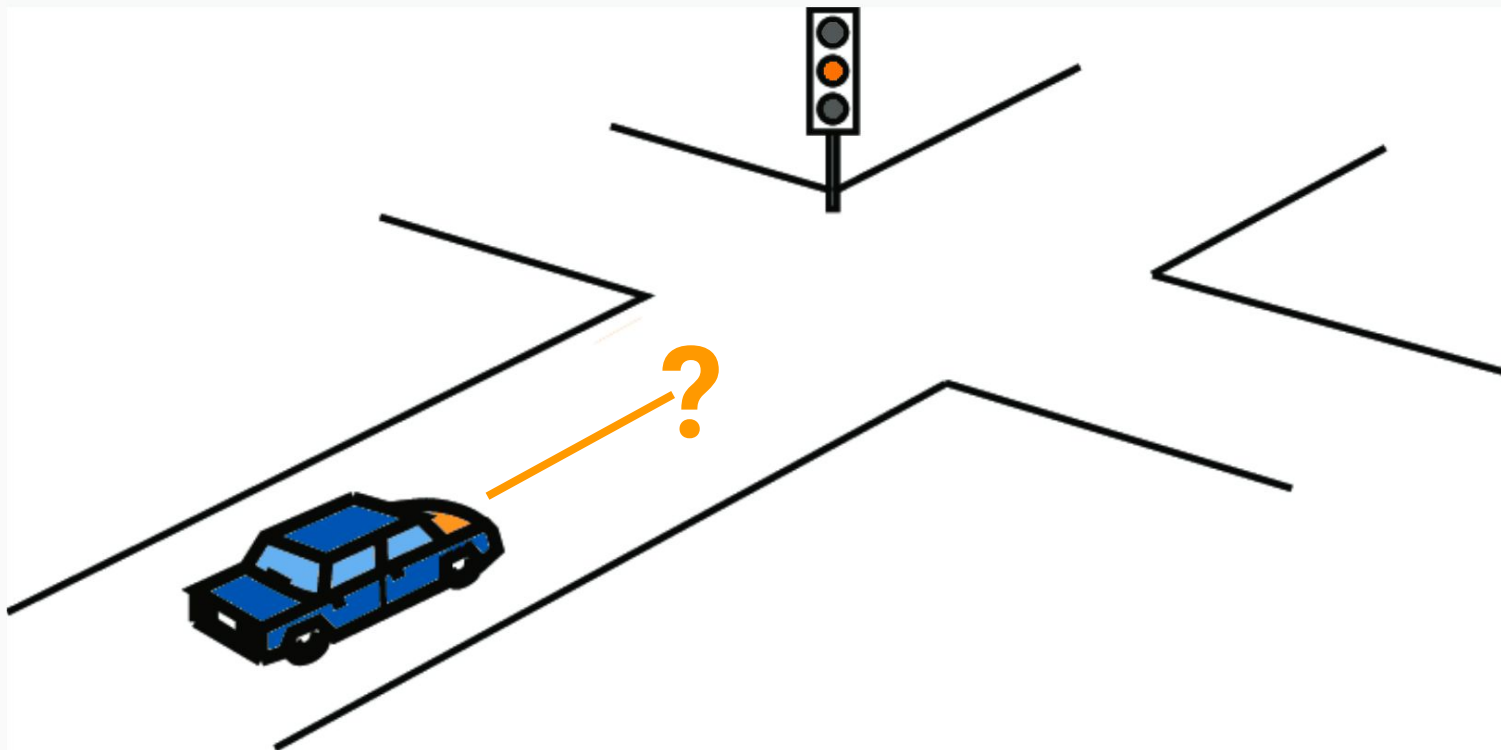
If else izjave



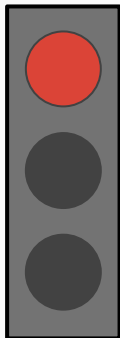
VS Code

```
1 let car = 'Edison';  
2  
3 let action = `${car} goes BRRR.`;  
4 let light = 'Green';  
5  
6 if (light == 'Red') {  
7   action = `${car} STOPS.`;  
8 } else {  
9   action = `${car} goes BRRR.`;  
10 }  
11  
12 console.log(action);
```

Self driving Car

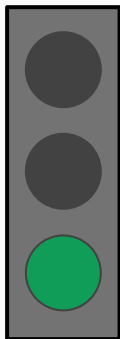
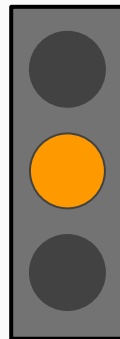


else if izjave




Ako je **SVJETLO** na semaforu **CRVENO**, **ZAUSTAVI SE!**

U suprotnom, ako je **SVJETLO** na semaforu **NARANDZASTO**, **USPORI!**




U suprotnom, VOZI!

else if izjave

A screenshot of a VS Code editor window. The window has a dark theme and a title bar with three colored dots (red, yellow, green) on the left and the text "VS Code" on the right. The code is written in a light-colored font on a dark background. It shows a JavaScript snippet with 14 lines of code. The code defines a variable 'car' with the value 'Edison', an 'action' variable with a template literal, and a 'light' variable with the value 'Green'. It then uses an 'if' statement with 'else if' and 'else' clauses to set the 'action' based on the 'light' value. Finally, it logs the 'action' to the console.

```
1 let car = 'Edison';  
2  
3 let action = `${car} VOZI.`;  
4 let light = 'Green';  
5  
6 if (light == 'Red') {  
7   action = `${car} ZAUSTAVI SE.`;  
8 } else if (light == 'Orange') {  
9   action = `${car} USPORI.`;  
10 } else {  
11   action = `${car} VOZI.`;  
12 }  
13  
14 console.log(action);
```

switch izjave



VS Code

```
1 switch (expression) {  
2   case value1:  
3     //Statements executed when the result of expression matches value1  
4     break;  
5   case value2:  
6     //Statements executed when the result of expression matches value2  
7     break;  
8   ...  
9   case valueN:  
10    //Statements executed when the result of expression matches valueN  
11    break;  
12  default:  
13    //Statements executed when none of the values match the value of the expression  
14    break;  
15 }  
16
```


JS

That's it folks!

Questions?

That's all Folks!