

console.log(exp)Expression

$\xrightarrow{\quad} \text{console.log}(\underline{\text{exp}}) \xrightarrow{\quad} \text{print}(\underline{\text{console}})$
 $\text{undefined} \leftarrow \text{ } \xrightarrow{\quad}$

alert(exp) \rightarrow undefined

confirm(exp) \rightarrow Boolean value (true/false)

prompt(exp) \rightarrow String / null

parseInt(exp) \rightarrow Number \rightarrow Integer

parseInt('45.7') \rightarrow 45

parseFloat(exp) \rightarrow Number \rightarrow Number

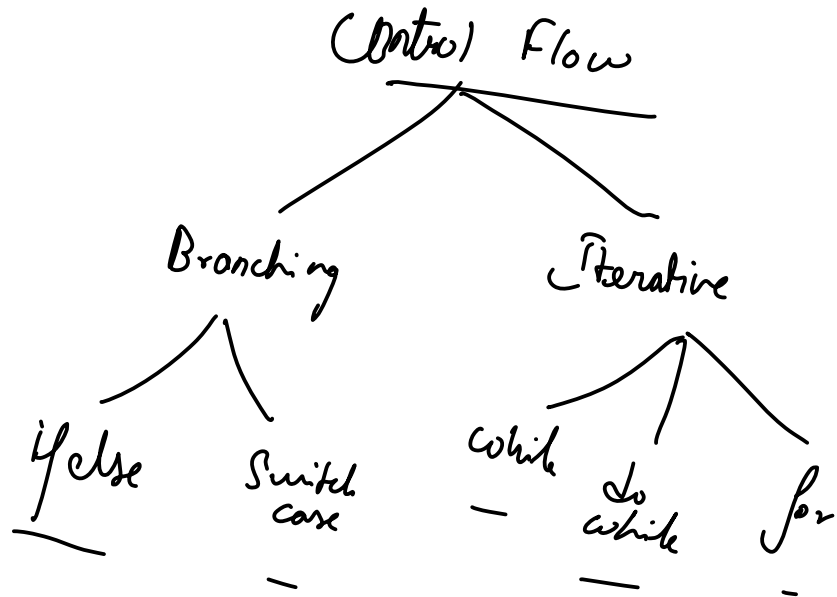
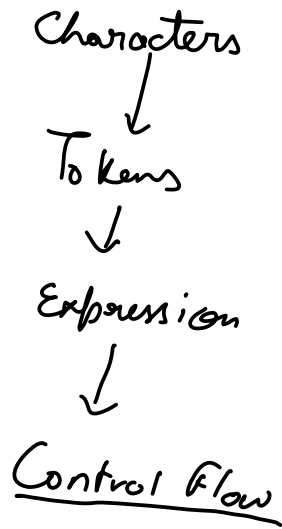
parseFloat('45.7') \rightarrow 45.7

Create a file with .html extension

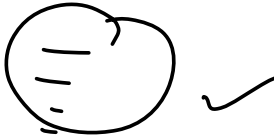
<script>

} \rightarrow JS code

</script>



a = 10 b = 5

if (expression) {


if (a > b) {
→ console.log("Hello");
} else {

} else { "Abhay" < "Abhishek" console.log("Bye");
→ "abhay" > "Abhishek" }

}

A → 65

a → 97

0 → 48

"a" > "B" —
"a" > "b" α
97 98

if () {

else if () {

}

if () {

if () {

}

}

Nested if

exp = "1"

'1' == 1
α

```
switch(exp){  
  α case '1':  
    break;  
  case 2: break;  
  default:   
}
```

while (exp) {

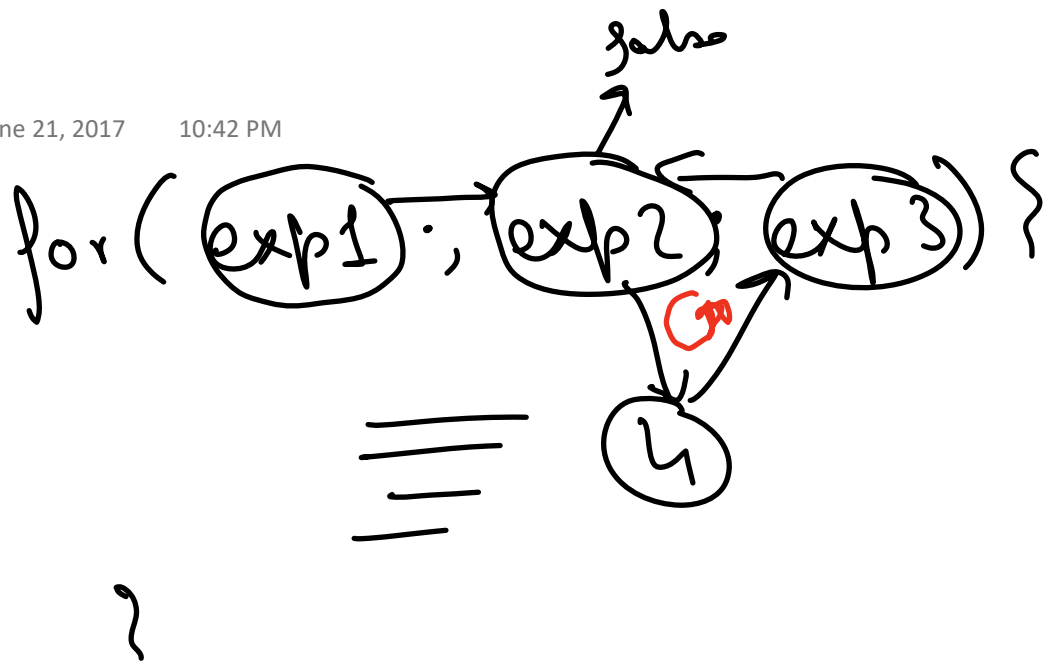
==
==
==

}

i = 0
while (i <= 10) {
 console.log(i);
 i++;
}

11
i = 0;
→ while (i <= 10) {
 console.log(i);
 i++;
}
0 ... 10

0 - 10



```
for (i = 1; i <= 10; i++) {  
    console.log("Hello");  
}
```

Do-while (Exit Controlled loop)

```
do {  
    _____  
    _____  
    _____  
    _____  
}
```

```
} while ( exp );
```

eg " " == " " ,

str = " "

if (str == " ")

i = 0;


```
do {  
  a = parseFloat(prompt("Enter a number")); ←  
  b = parseFloat(prompt("Enter another number"));  
  console.log("Sum = " + (a+b));  
} while (confirm("Continue?"));
```