Introduction to Software Systems (CS6.201)

Summer 2021, IIIT Hyderabad

17 June, Thursday (Lecture 8) – JavaScript 2

Taught by Sai Anirudh Karri

Conditional Expressions

The syntax of the switch statement is as follows:

```
switch(expr)
{
case x:
    //code
    break;
case y:
    //code
    break;
default:
    //code
}
```

Functions

Functions are defined using the `function` keyword:

```
function showMessage()
{
    let message = "Hello!" //local variable
    alert(message)
}
```

There is a special function `this` which holds the current environment.

Variable's type can be changed using the functions `Boolean()`,

Loops

Loops can be while loops

```
while (expr)
{
    //code
}
```

do while loops,

```
do
```

```
{
    //code
} while (expr)
```

or for loops

```
for (init; cond; incr)
{
    //code
}
```

OOPS

Classes are defined similar to C++; they have constructors and other methods.