JavaScript

functions

~~main~~

conditions

```
if (condition)
{
    // do this
}
else if (condition)
{
    // do that
}
else
{
    // do this other thing
}
```

Boolean expressions

```
if (condition || condition)
{
    // do this
}
```

Boolean expressions

```
if (condition && condition)
{
    // do this
}
```

switches

```
switch (expression)
{
    case i:
        // do this
        break;

    case j:
        // do that
        break;

    default:
        // do this other thing
        break;
}
```

loops

```
for (initializations; condition; updates)
{
    // do this again and again
}
```

loops

```
while (condition)
{
    // do this again and again
}
```

loops

```
do
{
    // do this again and again
}
while (condition);
```

loops

```
for (var i in object)
{
    // do this with object[i]
}
```

arrays

```
var numbers = [4, 8, 15, 16, 23, 42];
```

variables

```
var s = "hello, world";
```

objects

```
var student = {
    id: 1,
    name: "Rob Bowden"
};
```

JSON

```
var staff = [
    {
        "id": 1,
        "name": "Rob Bowden"
    },
    {
        "id": 2,
        "name": "Tim Griesser"
    },
    {
        "id": 3,
        "name: "David Malan"
    }
];
```