**Differences between Less and Sass**

Less and Sass are both css preprocessors that allow the user to write easy-to-read and simple syntax for styles development.

They both allow variable definitions, however in Sass variables are defined with ‘$’($color: #639ae2;) while Less uses the ‘@’ symbol(@color: #639ae2;).

Both Sass and Less support nested coding and inheritance inside the code.

nav {

ul {

margin: 0;

} li {

display: inline-block;

} a {

color: #333;

&:hover{

color: #000;

}

}

}

Mixins pretty much work the same, functions that the user defines in order to change the desired properties.

Also both allow the user to import variables or functions from any other file using @use in the case of Sass and @import in the case of Less.

Sass provides a larger set of built-in functions than the one that Less provides.

Regarding the inheritance, Sass has an @extend keyword that allows a selector to inherit the styles of another.

SASS

.message {

border: 1px solid #ccc; padding: 10px;

}

.success {

@extend .message;

border-color: green;

}

LESS

.message {

border: 1px solid #ccc; padding: 10px;

}

.success {

.message;

border-color: green;

}