

# d12 ÖVNING

## SCSS/SASS/LESS

### 1. konvertera SCSS till CSS

```
$title-font: normal 24px/1.5 'Open Sans', sans-serif;  
$cool-red: #F44336;  
$box-shadow-bottom-only: 0 2px 1px 0 rgba(0, 0, 0, 0.2);
```

```
h1.title {  
  font: $title-font;  
  color: $cool-red;  
}
```

```
div.container {  
  color: $cool-red;  
  background: #fff;  
  width: 100%;  
  box-shadow: $box-shadow-bottom-only;  
}
```

### 2. konvertera SCSS till CSS

```
$width: 800px;
```

```
.container {  
  width: $width;  
}
```

```
.column-half {  
  width: $width / 2;  
}
```

```
.column-fifth {  
  width: $width / 5;  
}
```

### 3. konvertera SCSS till CSS

```
$awesome-blue: #2196F3;
```

```
a {  
  padding: 10px 15px;  
  background-color: $awesome-blue;  
}
```

```
a:hover {  
  background-color: darken($awesome-blue,10%);  
}
```

### 4. konvertera LESS till CSS

```
@base: #663333;  
@complement1: spin(@base, 180);  
@complement2: darken(spin(@base, 180), 5%);  
@lighten1: lighten(@base, 15%);  
@lighten2: lighten(@base, 30%);
```

```
/* Implementation */  
.one {color: @base;}  
.two {color: @complement1;}  
.three {color: @complement2;}  
.four {color: @lighten1;}  
.five {color: @lighten2;}
```

### 5. ANGULAR

gör en miniräknare i angular, se nedan ett exempel (utveckla vidare)

lägg i ett html dokument

```
<head>  
<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.1/angular.min.js">  
</script>  
</head>
```

```
<body>
```

```
<div ng-app="">  
<p>siffr1: <input type="text" ng-model="nr1"></p>  
<p>siffr2: <input type="text" ng-model="nr2"></p>  
<p ng-bind="nr1"></p>  
<p ng-bind="nr2"></p>  
<h1>Hello {{ $eval(nr1) }}</h1>  
</div>
```

```
</body>
```