1. Display Feature Points

This functionality is done by:

```
function drawFeaturePoints(canvas, img, face) {
    // Obtain a 2D context object to draw on the canvas
    var ctx = canvas.getContext('2d');
    //console.log(face);

    ctx.strokeStyle = 'white';

    // Loop over each feature point in the face
    for (var id in face.featurePoints) {
        var fp = face.featurePoints[id];
        ctx.beginPath();
        ctx.arc(fp.x,fp.y,2,0,2*Math.PI);
        ctx.stroke();
    }
}
```

2. Show Dominant Emoji

This functionality is done by:

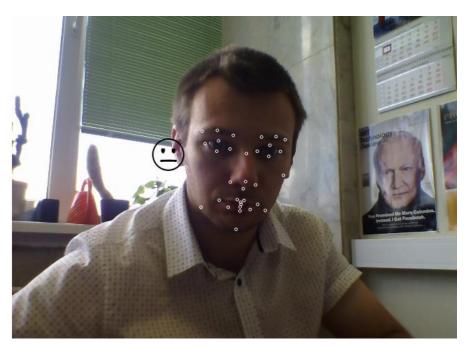
```
function drawEmoji(canvas, img, face) {
   // Obtain a 2D context object to draw on the canvas
   var ctx = canvas.getContext('2d');

   ctx.font="50px serif";
   ctx.fillstyle = 'black';
   var fp = face.featurePoints[0];

   ctx.fillText(face.emojis.dominantEmoji, fp.x-50, fp.y);
}
```

Coordinates (fp.x-50, fp.y) ensures, that emoji is displayed near the face

The result of 1 and two is shown in the picture:



3. Implement Mimic Me!

This functionality is done by:

```
function playGame(canvas, img, face) {
   //randomly select emoji
   function setRandomTarget() {
      target = emojis[Math.floor(Math.random() * (emojis.length - 1))];
setTargetEmoji(target);
      console.log(target);
   //in case game is just started
if (target == null) {
      setRandomTarget();
   //in case userwas able to mimic emoji
   if (target == toUnicode(face.emojis.dominantEmoji)) {
      setRandomTarget();
      score = score + 1;
      setScore(score);
      var fp = face.featurePoints[0];
      var rp = Tace.TeaturePoints[0];
var ctx = canvas.getContext('2d');
ctx.font="50px serif";
ctx.fillstyle = 'black';
ctx.fillText("Great!", fp.x-50, fp.y+100);
ctx.font="42px serif";
ctx.fillStyle = 'white';
ctx.fillText("Great!", fp.x-50, fp.y+100);
setTimeout(';', 2000);
   }
}
```

The score is increased every time user mimics emoji:

Mimic Me!





INSTRUCTIONS

- Press Start to initialize the detector.
- Your current emoji will be shown next to your head.
- · Mimic each emoji being displayed to score a point!
- Press Stop to end the detector.
- Watch the tracking results and log messages for more information.