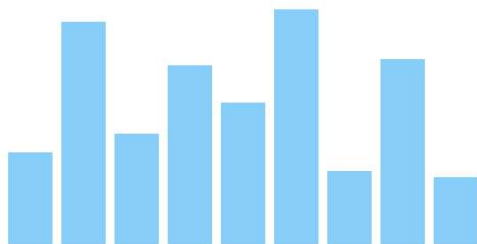
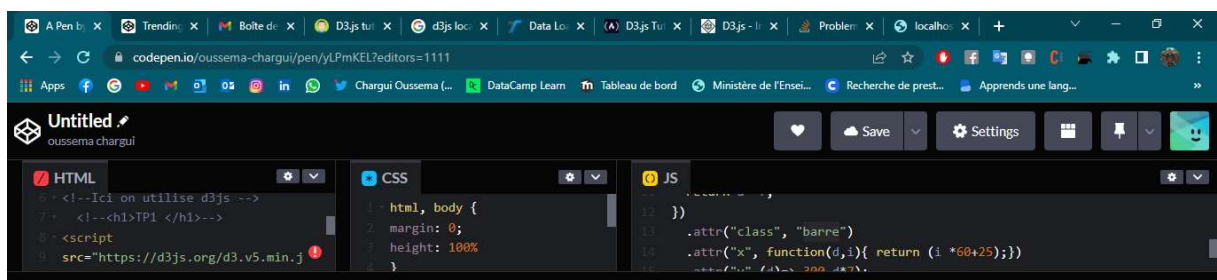
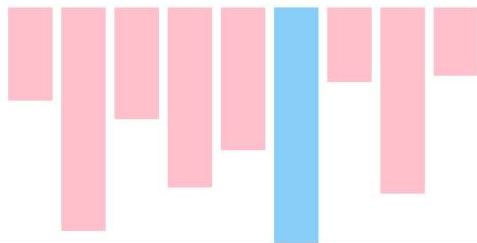
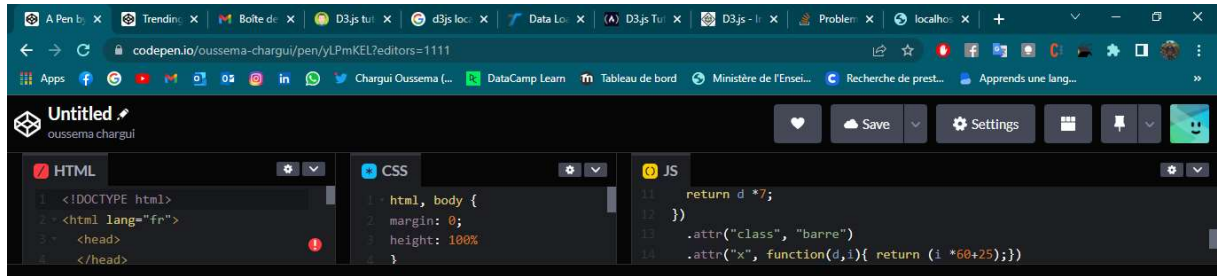


TD2

Exercice 1 :



```
1 <!DOCTYPE html>
2 <html lang="fr">
3 <head>
4 </head>
5 <body>
6 <!-- Ici on utilise d3.js -->
7 <!--<h1>TP1 </h1-->
8 <script
9 src="https://d3js.org/d3.v5.min.js"
10 >
11 </script>
12 </body>
13 </html>
```

```
1 html, body {
2 margin: 0;
3 height: 100%
4 }
5 .barre {
6 fill: LightSkyBlue;
7 }
```

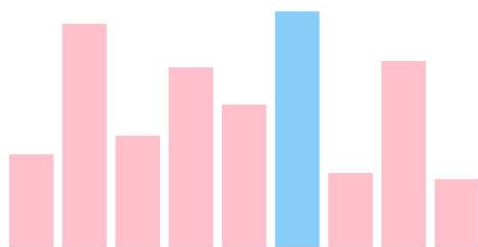
```
1 var table = [15, 36, 18, 29, 23, 38, 12, 30, 11];
2 var svg = d3.select("body")
3 .append("svg")
4 .attr("width", "100%")
5 .attr("height", "100%");
6 svg.selectAll("rect")
7 .data(table)
8 .enter().append("rect")
9 .attr("width", "50")
10 .attr("height", function(d,i){
11 return d * 7;
12 })
13 .attr("class", "barre")
14 .attr("x", function(d,i){ return (i * 60 + 25);})
15 .attr("y", (d) => 300 - d * 7);
```



```
1 <!DOCTYPE html>
2 <html lang="fr">
3 <head>
4 </head>
```

```
1 height: 100%
2 }
3 .barre {
```

```
1 var table = [15, 36, 18, 29, 23, 38, 12, 30, 11];
2 var svg = d3.select("body")
3 .append("svg")
4 .attr("width", "100%")
```



```
codepen.io/oussema-chargui/pen/yLPmKEL

Untitled
oussema chargui

HTML
1 <!DOCTYPE html>
2 <html lang="fr">
3 <head>
4 </head>
5 <body>
6 <!-- Ici on utilise d3js -->
7 <!--<h1>TP1 </h1-->
8 <script
9 src="https://d3js.org/d3.v5.min.js"
10 </script>
11 </body>
12 </html>

CSS
1 html, body {
2 margin: 0;
3 height: 100%;
4 }
5 .barre {
6 fill: pink;
7 .barre:hover {
8 fill: LightSkyBlue;
9 .text{
10 fill: Blue;
11 font-weight: bold;
12
13
14

JS
1 var table = [15, 36, 18, 29, 23, 38, 12, 30, 11];
2 var svg = d3.select("body")
3 .append("svg")
4 .attr("width", "100%")
5 .attr("height", "100%");
6 svg.selectAll("rect")
7 .data(table)
8 .enter().append("rect")
9 .attr("width", "50")
10 .attr("height", function(d,i){
11 return d * 7;
12 })
13 .attr("class", "barre")
14 .attr("x", function(d,i){ return (i * 60 + 25);})
15 .attr("y", (d) => 300 - d * 7);
16 svg.selectAll("text")
17 .data(table)
18 .enter().append("text")
19 .text(function(d){return d * 7;})
20 .attr("class", "text")
```

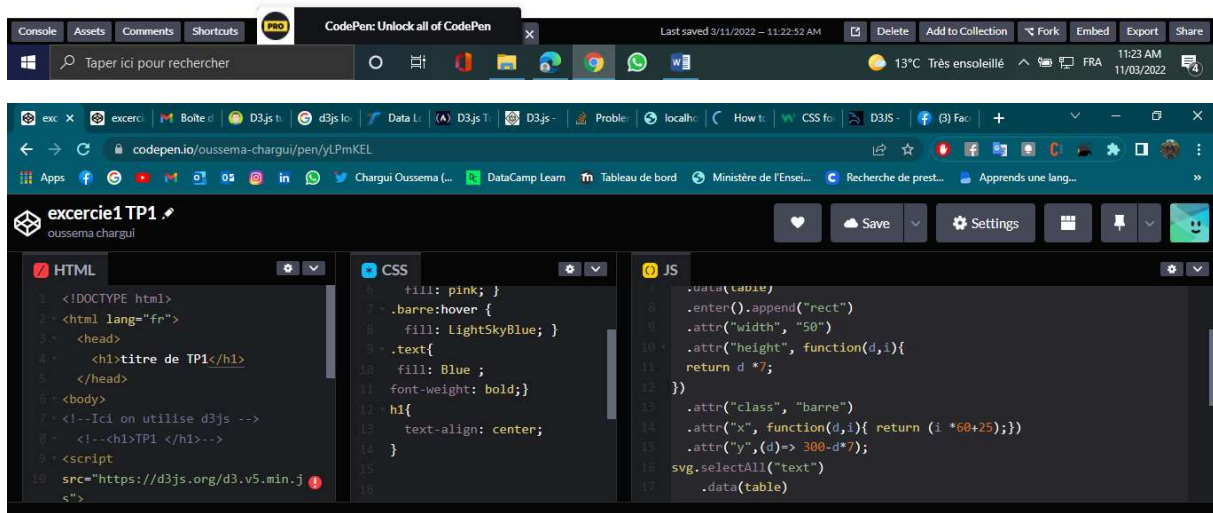
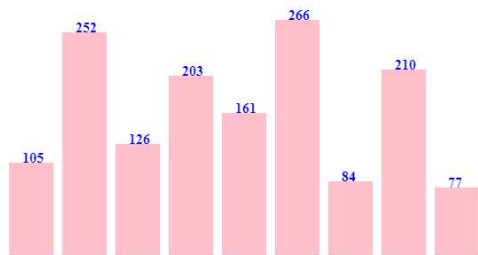
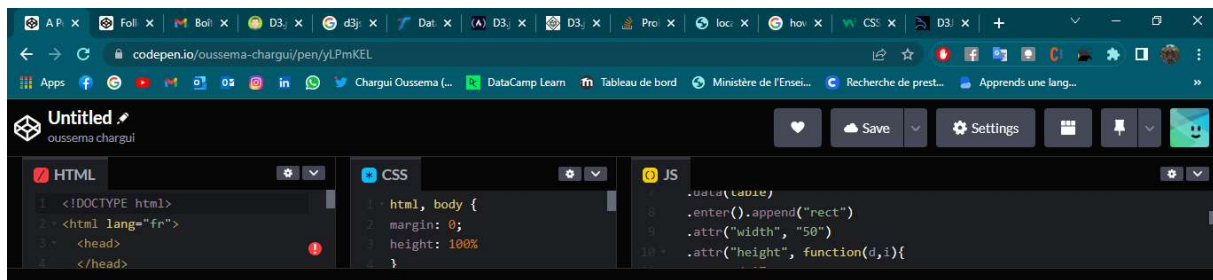
```
codepen.io/oussema-chargui/pen/yLPmKEL

Untitled
oussema chargui

HTML
1 <!DOCTYPE html>
2 <html lang="fr">
3 <head>
4 </head>
5 <body>
6 <!-- Ici on utilise d3js -->
7 <!--<h1>TP1 </h1-->
8 <script
9 src="https://d3js.org/d3.v5.min.js"
10 </script>
11 </body>
12 </html>

CSS
1 html, body {
2 margin: 0;
3 height: 100%;
4 }
5 .barre {
6 fill: pink;
7 .barre:hover {
8 fill: LightSkyBlue;
9 .text{
10 fill: Blue;
11 font-weight: bold;
12
13
14

JS
1 .data(table)
2 .enter().append("rect")
3 .attr("width", "50")
4 .attr("height", function(d,i){
5 return d * 7;
6 })
7 .attr("class", "barre")
8 .attr("x", function(d,i){ return (i * 60 + 25);})
9 .attr("y", (d) => 300 - d * 7);
10 svg.selectAll("text")
11 .data(table)
12 .enter().append("text")
13 .text(function(d){return d * 7;})
14 .attr("class", "text")
15 .attr("x", function(d,i){ return (i * 60 + 40);})
16 .attr("y", (d) => 300 - d * 7);
```



titre de TP1



Exercice 2 :

Question 1 / 2


```
exercice 2
oussema chargui

HTML
1 <!DOCTYPE html>
2 <html lang="fr">
3 <head>
4 <title>D3
  tutorial</title>
5 <h1>Nombre de stagiaires
  par type de mission</h1>
6 </head>
7 <body>
8 <!-- Ici on utilise d3js -->
9 <!--<h1>TP1 </h1-->
10 <script
11 src="https://d3js.org/d3.v5.min
  .js">
12
13 </script>
14
15 </body>
16 </html>

CSS
1 html, body {
2 margin: 0;
3 height: 100%
4 }
5

JS
1 var width = 1000,
2     height = 500;
3 //var couleur = d3.scaleOrdinal(d3.schemeCategory10);
4 var svg = d3
5 .select("body")
6 .append("svg")
7 .attr("width", width)
8 .attr("height", height)
9 .style("background", "pink");
10 var data = [
11 { Type_de_mission: "BI/décisionnel", Nombre_etudiants: 8 },
12 { Type_de_mission: "CRM", Nombre_etudiants: 1 },
13 { Type_de_mission: "Data Minig/Data Science", Nombre_etudiants: 15 },
14 { Type_de_mission: "Statistiques - Etudes", Nombre_etudiants: 2 }
15 ];
16 var base_diagramme = d3.pie().value(function (d) {
17 return d.Nombre_etudiants;
18 })(data);
19
20 var segments = d3
```

```
exercice 2
oussema chargui

HTML
1 <!DOCTYPE html>
2 <html lang="fr">
3 <head>
4 <title>D3
  tutorial</title>
5 <h1>Nombre de stagiaires
  par type de mission</h1>
6 </head>
7 <body>
8 <!-- Ici on utilise d3js -->
9 <!--<h1>TP1 </h1-->
10 <script
11 src="https://d3js.org/d3.v5.min
  .js">
12
13 </script>
14
15 </body>
16 </html>

CSS
1 html, body {
2 margin: 0;
3 height: 100%
4 }
5

JS
13 { Type_de_mission: "Data Minig/Data Science", Nombre_etudiants: 15 },
14 { Type_de_mission: "Statistiques - Etudes", Nombre_etudiants: 2 }
15 ];
16 var base_diagramme = d3.pie().value(function (d) {
17 return d.Nombre_etudiants;
18 })(data);
19
20 var segments = d3
21 .arc()
22 .innerRadius(0)
23 .outerRadius(200)
24 .padAngle(0.05)
25 .padRadius(50);
26
27 var sections = svg
28 .append("g")
29 .attr("transform", "translate(250,250)")
30 .selectAll("path")
31 .data(base_diagramme);
32 sections.enter().append("path").attr("d", segments);/*
33 .attr("fill", function (d) {
```

exercice 2
oussema chargui

HTML

```
1 <!DOCTYPE html>
2 <html lang="fr">
3 <head>
4 <title>D3
```


CSS

```
1 html, body {
2 margin: 0;
3 height: 100%
```

JS

```
13 { Type_de_mission: "Data Minig/Data Science", Nombre_etudiants: 15 },
14 { Type_de_mission: "Statistiques - Etudes", Nombre_etudiants: 2 }
15 ];
16 var base_diagramme = d3.pie().value(function (d) {
```

Nombre de stagiaires par type de mission



Console Assets Comments Shortcuts CodePen: Unlock all of CodePen Last saved 3/20/2022 - 2:09:03 AM Delete Add to Collection Fork Embed Export Share

Question 3

exercice 2
oussema chargui

HTML

```
1 <!DOCTYPE html>
2 <html lang="fr">
3 <head>
4 <title>D3
5 tutorial</title>
6 <h1>Nombre de stagiaires
7 par type de mission</h1>
8 </head>
9 <body>
10 <!-- Ici on utilise d3js -->
11 <!--<h1>TP1 </h1>-->
12 <script
13 src="https://d3js.org/d3.v5.min
14 .js">
15 </script>
16 </body>
```

CSS

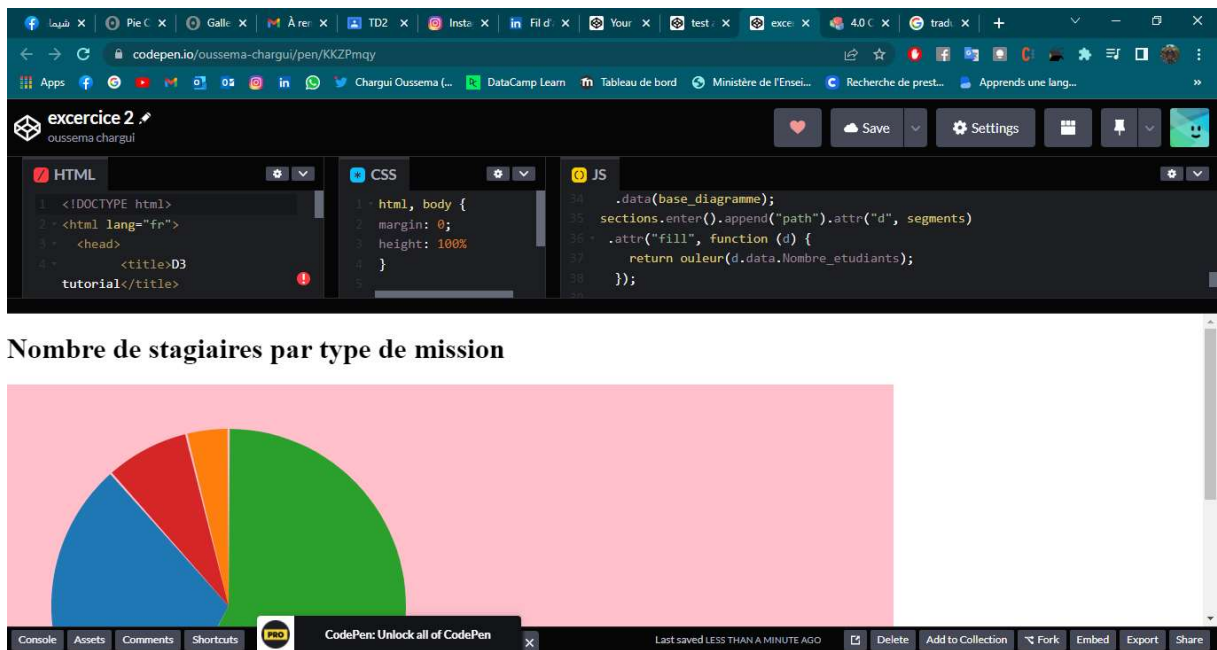
```
1 html, body {
2 margin: 0;
3 height: 100%
```

JS

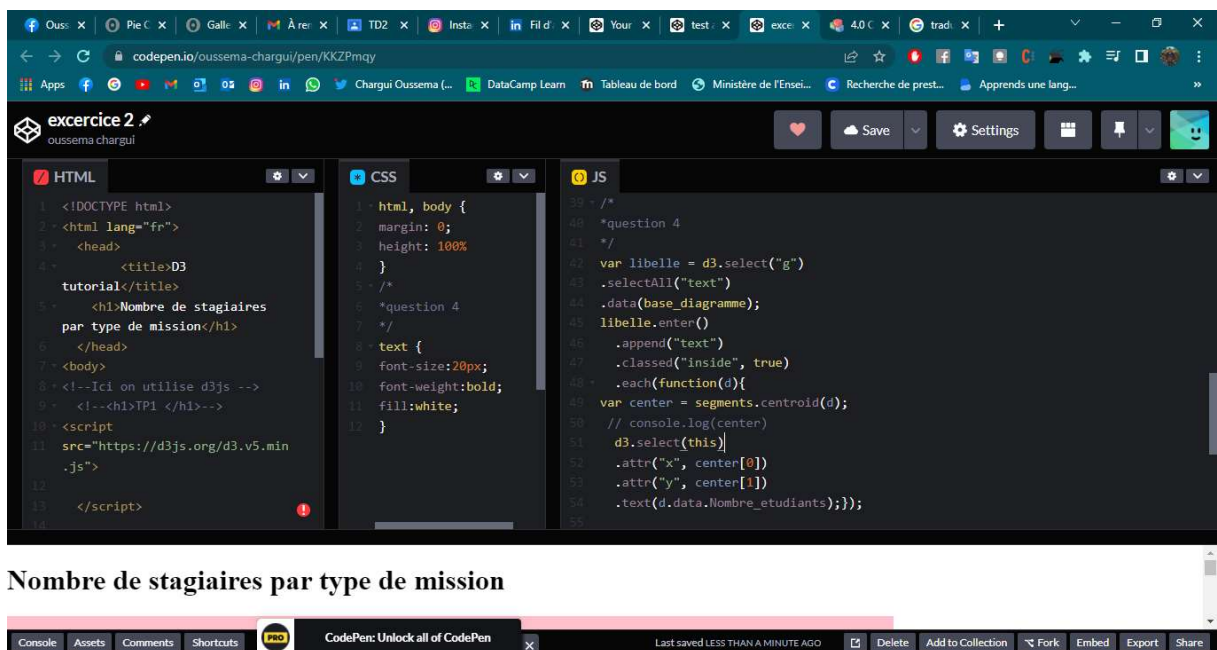
```
1 var width = 1000,
2 height = 500;
3 /*
4 *question 3
5 */
6 var couleur = d3.scaleOrdinal(d3.schemeCategory10);
7 var svg = d3
8 .select("body")
9 .append("svg")
10 .attr("width", width)
11 .attr("height", height)
12 .style("background", "pink");
13 var data = [
14 { Type_de_mission: "BI/décisionnel", Nombre_etudiants: 8 },
15 { Type_de_mission: "CRM", Nombre_etudiants: 1 },
16 { Type_de_mission: "Data Minig/Data Science", Nombre_etudiants: 15 },
17 { Type_de_mission: "Statistiques - Etudes", Nombre_etudiants: 2 }
18 ];
```

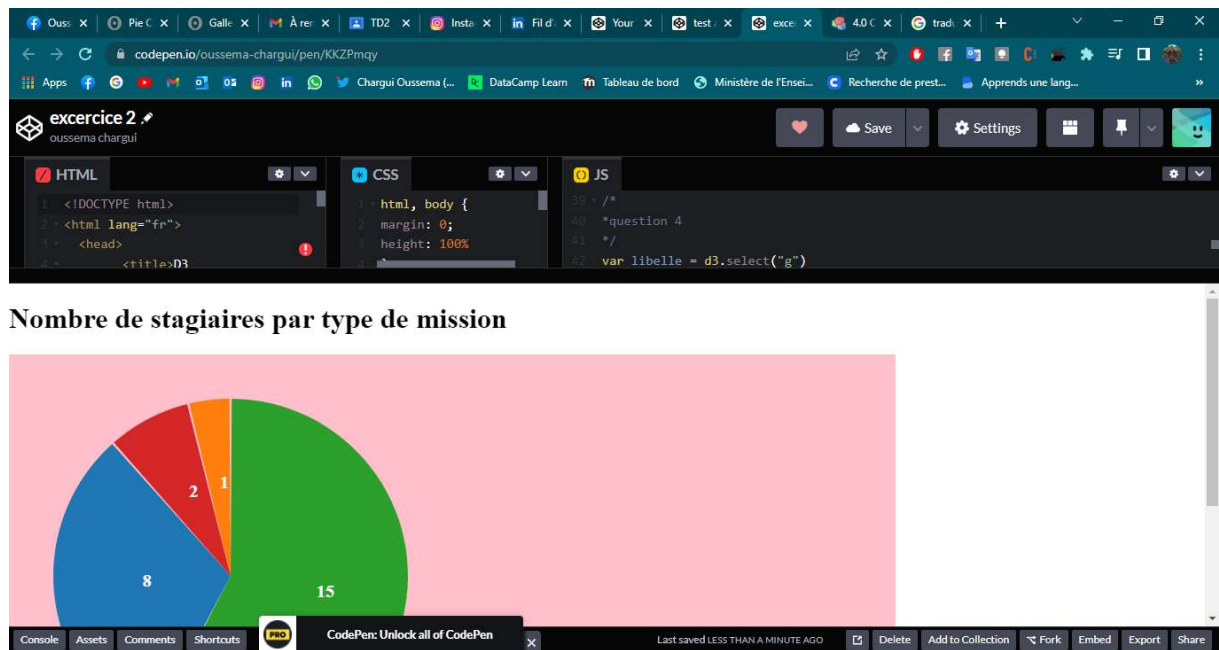
Nombre de stagiaires par type de mission

Console Assets Comments Shortcuts CodePen: Unlock all of CodePen Last saved 3/20/2022 - 2:12:39 AM Delete Add to Collection Fork Embed Export Share

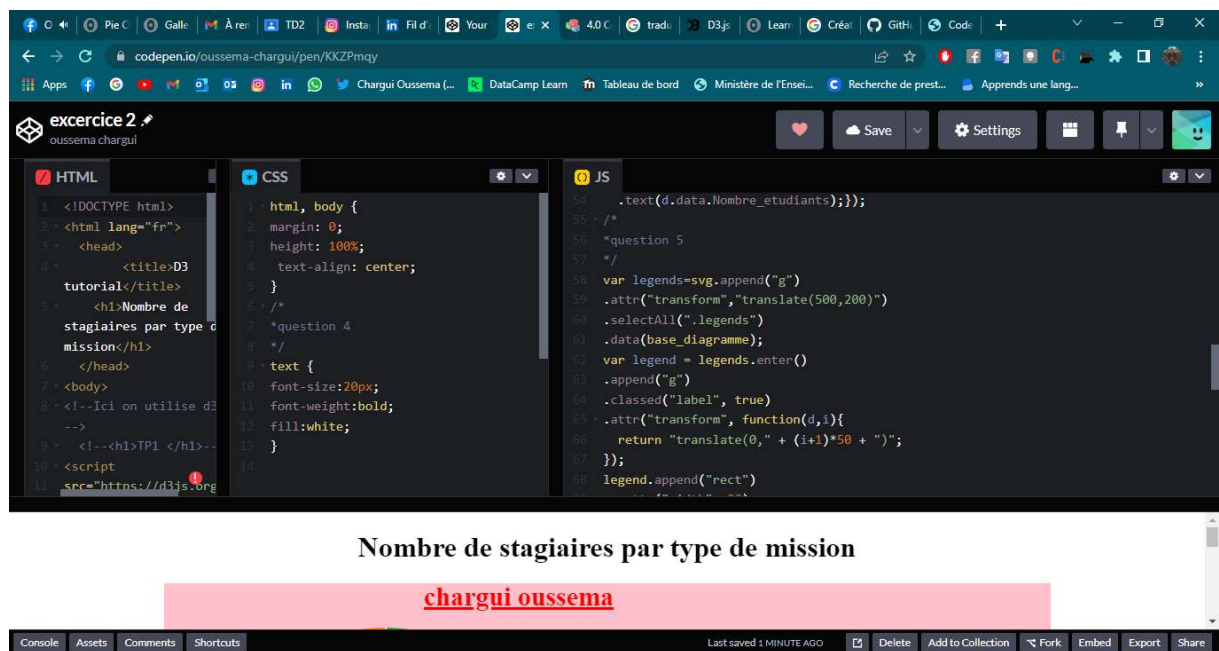


Question 4





Question 5




```
exercice 2
oussema chargui

HTML
1 <!DOCTYPE html>
2 <html lang="fr">
3 <head>
4 <title>D3
  tutorial</title>
5 <h1>Nombre de
  stagiaires par type de
  mission</h1>
6 </head>
7 <body>
8 <!-- Ici on utilise d3
  -->
9 <!--<h1>TP1 </h1-->
10 <script
11 src="https://d3js.org

CSS
1 html, body {
2 margin: 0;
3 height: 100%;
4 text-align: center;
5 }
6 /*
7 *question 4
8 */
9 text {
10 font-size:20px;
11 font-weight:bold;
12 fill:white;
13 }
14

JS
1 //
68 legend.append("rect")
69 .attr("width", 20)
70 .attr("height", 20)
71 .attr("fill", function(d){
72 return couleur(d.data.Nombre_etudiants);
73 });
74 legend.append("text")
75 .classed("label", true)
76 .style("fill", "black")
77 .text(function(d){
78 return d.data.Type_de_mission;
79 })
80 .attr("fill", function(d){
81 return couleur(d.data.Nombre_etudiants);
82 })
```

Nombre de stagiaires par type de mission

chargui oussema

Console Assets Comments Shortcuts Last saved 1 MINUTE AGO Delete Add to Collection Fork Embed Export Share

```
exercice 2
oussema chargui

HTML
1 <!DOCTYPE html>
2 <html lang="fr">
3 <head>
4 <title>D3
  tutorial</title>
5 <h1>Nombre de
  stagiaires par type de
  mission</h1>
6 </head>
7 <body>
8 <!-- Ici on utilise d3
  -->
9 <!--<h1>TP1 </h1-->
10 <script
11 src="https://d3js.org

CSS
1 html, body {
2 margin: 0;
3 height: 100%;
4 text-align: center;
5 }
6 /*
7 *question 4
8 */
9 text {
10 font-size:20px;
11 font-weight:bold;
12 fill:white;
13 }
14

JS
81 return couleur(d.data.Nombre_etudiants);
82 })
83 .attr("x", 30)
84 .attr("y", 15);
85 svg.append("text")
86 .attr("x", 400)
87 .attr("y", 25)
88 .attr("text-anchor", "middle")
89 .style("font-size", "30px")
90 .style("fill", "red")
91 .style("text-decoration", "underline")
92 .text("chargui oussema");
```

Nombre de stagiaires par type de mission

chargui oussema

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Nombre de stagiaires par type de mission

