

Assignment

localhost:4200

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ANGULAR ASSIGNMENT

Employee	Hours worked
Mary Poppins	3.9
Abhay Singh	3.8
Tim Peckham	3.3
Abhay Singh	3.2
Mary Poppins	2.8
Patrick Hathinson	2.4
Abhay Singh	2.2
Patrick Hathinson	2.1
Mary Poppins	2
Ravi Srinivas	1.8
Abhay Singh	1.7
Karvey Verma	1.6
John Black	1.2
Tim Peckham	1.2
Tim Peckham	1.2
John Black	0.8
Abhay Singh	0.7
Karvey Verma	0.6
Abhay Singh	0.4

Activate Windows
Go to Settings to activate Windows.

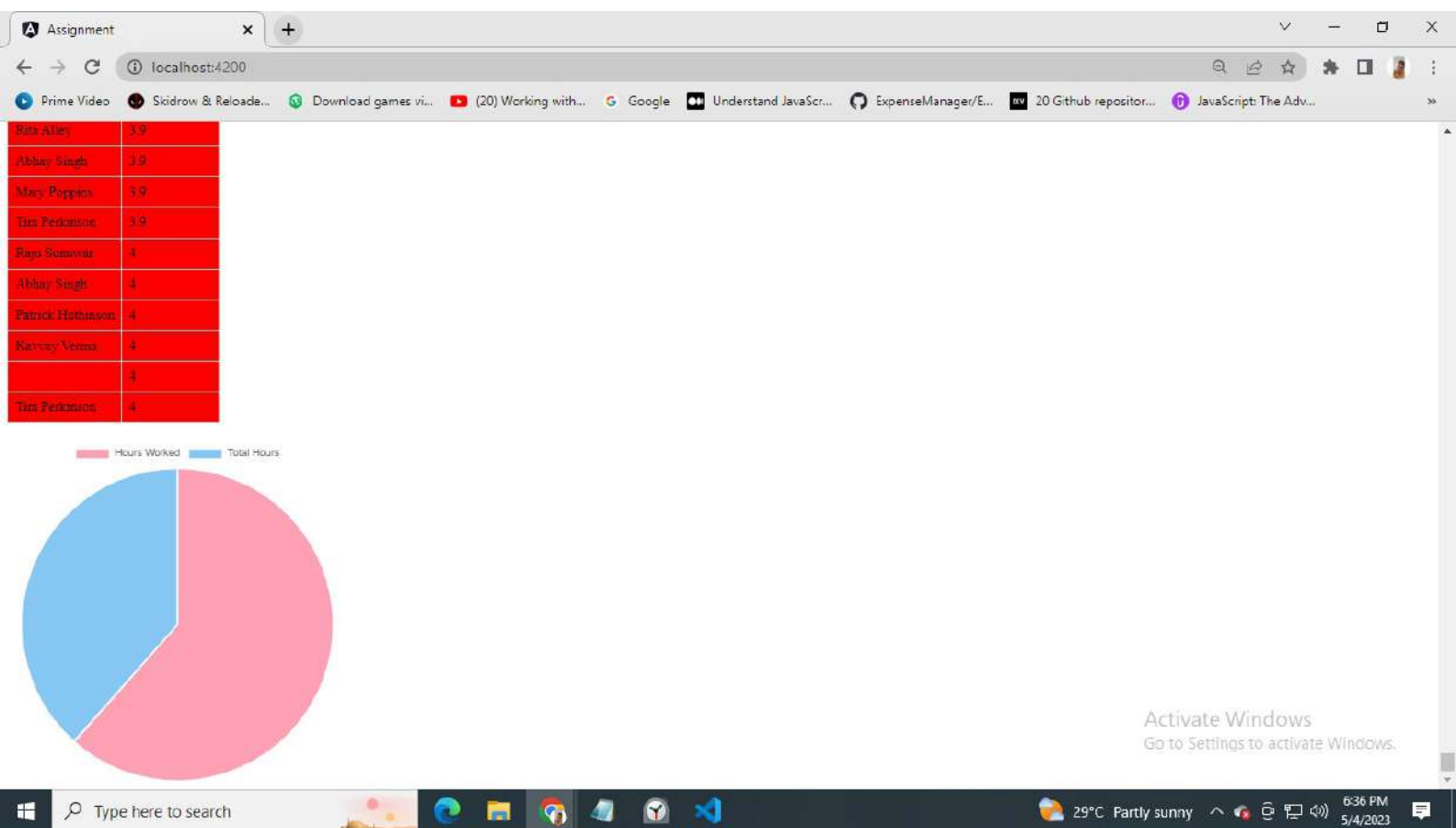
Type here to search

29°C

Partly sunny

6:36 PM

5/4/2023



File Edit Selection View Go Run Terminal Help

app.component.html - angularAssignment - Visual Studio Code

src > app > app.component.html

```
1 <h1>ANGULAR ASSIGNMENT</h1>
2 <!-- TABLE -->
3 <table style="width: auto;">
4   <thead>
5     <tr>
6       <th>Employee</th>
7       <th>Hours worked</th>
8     </tr>
9   </thead>
10  <tbody>
11    <tr *ngFor="let emp of employees; let i= index" id="empTable" [ngStyle]="styles">
12      <td>{{emp.EmployeeName}}</td>
13      <td>{{emp.workingHours}}</td>
14    </tr>
15  </tbody>
16 </table>
17
18 <!-- PIE CHART -->
19 <div style="width: 400px;">
20   <canvas>
21     baseChart
22     [type]="pie"
23     [datasets]="pieChartData"
24     [labels]="pieChartLabels"
25     [options]="pieChartOptions"
26     [legend]="true"
27   >
28 </canvas>
29 </div>
```

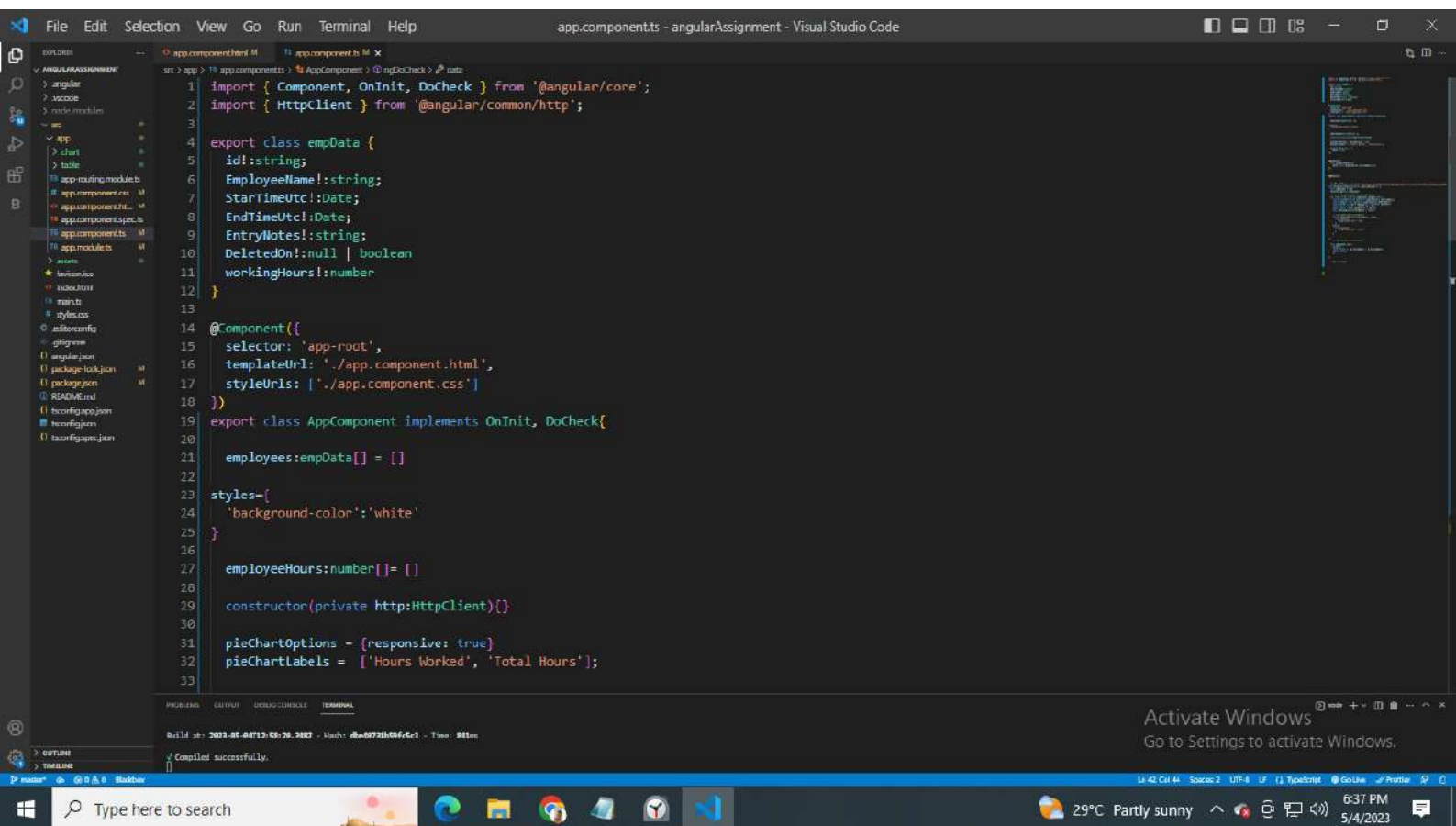
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Build at: 2023-05-04T13:05:26.382Z - Hash: d8e0721b0946c1 - Time: 811ms

✓ Compiled successfully.

Activate Windows
Go to Settings to activate Windows.

29°C Partly sunny 6:37 PM 5/4/2023



Visual Studio Code interface showing an Angular application project named "app.component.ts - angularAssignment". The code editor displays the following TypeScript code:

```
31 pieChartOptions = {responsive: true};
32 pieChartLabels = ['Hours Worked', 'Total Hours'];
33
34 pieChartData:any = [{
35   data: [1,1]
36 }];
37
38
39
40 ngDoCheck(){
41   this.pieChartData = [{
42     data: [this.employees[2].workingHours, 2]
43   }];
44 }
45
46
47 ngOnInit(){
48
49   // FOR TABLE
50   const url='https://rc-vault-fap-live-1.azurewebsites.net/api/gettimeentries?code=v017RnE8vuzX:P3o5eaLLjXjmRW071aw99QTD90zat9FfOQJXKUcgQ==';
51   this.http.get<empData[]>(url).subscribe(data => {
52     this.employees = data
53     console.log(this.employees)
54   })
55
56   // TO GET WORKING HOURS OF EACH EMPLOYEE
57   for (let i = 0; i < this.employees.length; i++) (property) empData.StartTimeUtc: Date
58     const startDate = new Date(this.employees[i].StartTimeUtc);
59     const endDate = new Date(this.employees[i].EndTimeUtc);
60     const diffMs = endDate.getTime() - startDate.getTime();
61     const hours = diffMs / (1000 * 60 * 60);
62     const rHours = Math.round(hours * 10)/10;
63     this.employees[i].workingHours = rHours
```

The bottom status bar shows the build output: "Build at: 2023-05-04T13:05:26.308Z - Hash: d8e072b3096fc1 - Time: 81ms" and "Compiled successfully."

Windows taskbar at the bottom shows the date and time: 6:37 PM, 5/4/2023, and weather: 29°C Partly sunny.

