```
fid=fopen('Comp_Nodes_S11.txt');
tline = fgetl(fid);
tlines = cell(0,1);
while ischar(tline)
    tlines{end+1,1} = tline;
    tline = fgetl(fid);
end
fclose(fid);

%for j=1:3:(length(tlines)-3)
j=1;
LD_Nodes = [str2num(tlines{j}) ; str2num(tlines{j+1}) ; str2num(tlines{j+2})]';
```

```
ind2 = zeros(4,20);
ini_T = min(LD_Nodes(:,1));
for i=1:length(LD_Nodes)
    ini_n = LD_Nodes(i,1)-ini_T+1;
    fin_n = LD_Nodes(i,2)-ini_T;
    ind2(LD_Nodes(i,3),ini_n:fin_n)= ind2(LD_Nodes(i,3),ini_n:fin_n)+1;

end

% Bikenode -> 1
% Bicyclenode -> 2
% Pednode -> 3
% Car -> 4

ind2
```

```
ind2 =
    48    48    48    49    49    49    50    50    50    50    50    50    50 ···
    66    67    68    67    66    65    64    64    64    64    64    66    66
   197   197   197   197   197   197   197   197   197   197   197   197   197
    68    68    68    70    69    69    71    70    71    73    72    72    72
```

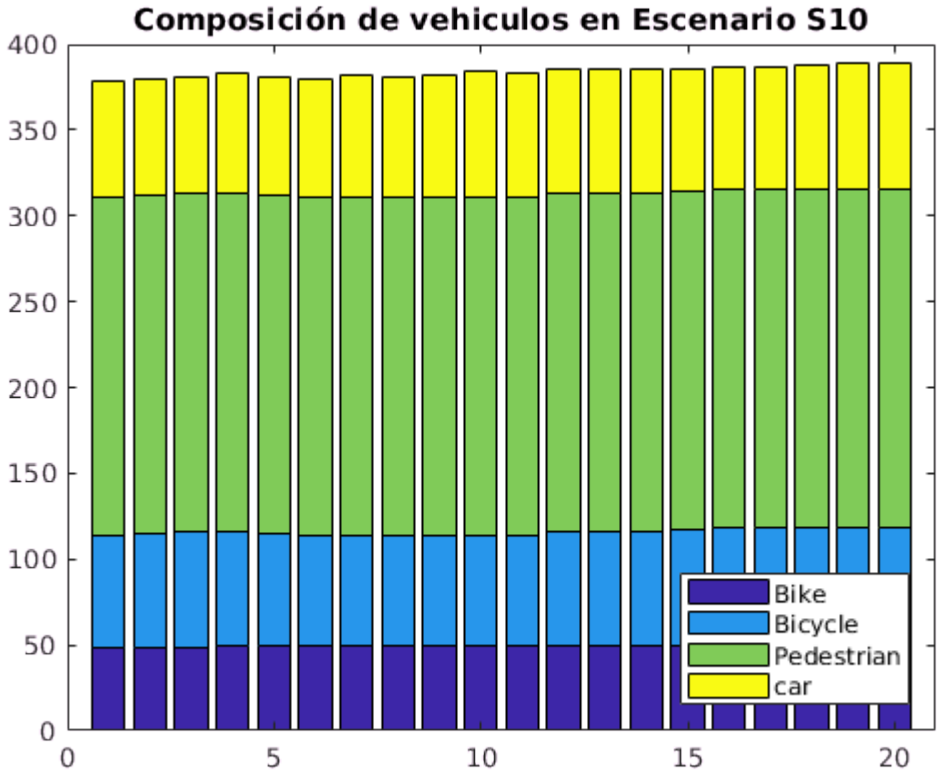
```
sum(ind2)
```

```
ans =
   379   380   381   383   381   380   382   381   382   384   383   385   385 ···
```

```
mean(sum(ind2))
```

```
ans = 383.9000
```

```
figure (1)
bar(ind2','stacked')
title('Composición de vehiculos en Escenario S10')
legend('Bike','Bicycle','Pedestrian','car','Location','SouthEast');
xlim([0 21])
```


Composición de vehiculos en Escenario S10
400
350
300
250
200
150
100
50
0
0
5
10
15
20
Bike
Bicycle
Pedestrian
car