In [57]:

```
import matplotlib.pyplot as plt
import pandas as pd

df = pd.read_csv("cafe_louis.csv")
```

In [58]:

```
df.describe()
```

Out[58]:

	Observations	Inter-Arrival Time	Waiting Time	Service Time
count	300.000000	300.000000	251.000000	300.000000
mean	150.500000	25.016549	66.520598	40.310267
std	86.746758	31.474552	59.550304	27.167073
min	1.000000	0.000000	0.000000	5.970000
25%	75.750000	4.712750	18.265000	22.977500
50%	150.500000	15.609500	56.610000	33.205000
75%	225.250000	30.627750	90.395000	48.925000
max	300.000000	229.517400	247.590000	239.340000

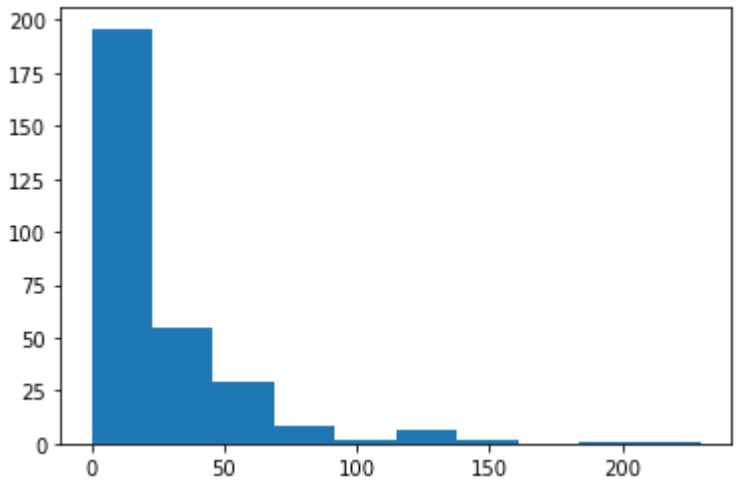
In [60]:

```
x = df["Inter-Arrival Time"]

plt.hist(x)
```

Out[60]:

```
(array([196.,  55.,  29.,   8.,   2.,   6.,   2.,   0.,   1.,   1.]),
 array([  0.     ,  22.95174,  45.90348,  68.85522,  91.80696, 114.758
7 ,
        137.71044, 160.66218, 183.61392, 206.56566, 229.5174 ]),
 <BarContainer object of 10 artists>)
```



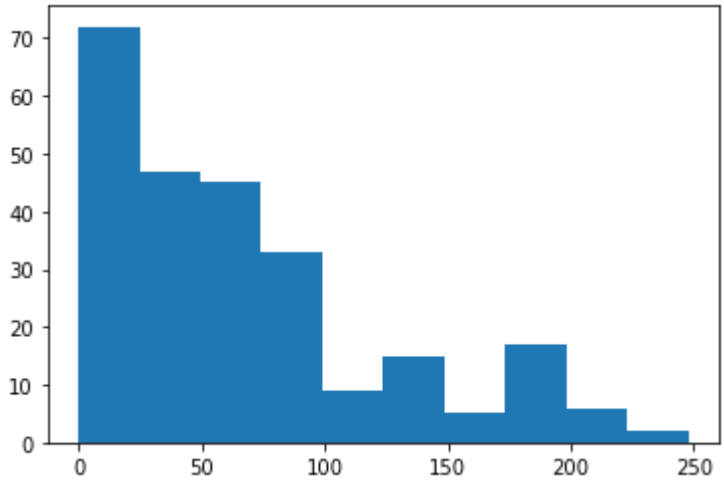
In [61]:

```
x = df["Waiting Time"]

plt.hist(x)
```

Out[61]:

```
(array([72., 47., 45., 33.,  9., 15.,  5., 17.,  6.,  2.]),
 array([  0.   ,  24.759,  49.518,  74.277,  99.036, 123.795, 148.554,
        173.313, 198.072, 222.831, 247.59 ]),
 <BarContainer object of 10 artists>)
```



In [62]:

```
x = df["Service Time"]

plt.hist(x)
```

Out[62]:

```
(array([121., 115.,  38.,  17.,   4.,   3.,   0.,   1.,   0.,   1.]),
 array([  5.97 ,  29.307,  52.644,  75.981,  99.318, 122.655, 145.992,
        169.329, 192.666, 216.003, 239.34 ]),
 <BarContainer object of 10 artists>)
```