

```

1 f=0:99;
2 for n=1:100
3     if f(n)<=9;
4         f(n)=f(n).^2-7;
5     elseif f(n)>=10;
6         f(n)=f(n-10);
7     end
8     stem(f)
9 end
10
11 %Graph Description:
12 %The values repeat itself after n=9 that is why the points in the graph
13 %shows a wave-like pattern because the 10 values only repeats for 10 times.
14

```

Command Window

```

>> prob1
fx >>

```

