```
function bat(power)
power = 10^-6
ymple=-10^9*power+10^6;
yprasino=-10^9*power+10^10;
ykokkino=-10^9*power+1.00001*10^10;
if ymple < 0
    ymple = 0;
end
if yprasino < 0
    yprasino = 0;
end
if ykokkino < 0
    ykokkino = 0;
end
M = ['thin film battery lifetime ', num2str(ymple),' seconds'];
disp(M)
P = ['button cell battery lifetime ', num2str(yprasino),' seconds'];
disp(P)
K = ['smartwatch battery lifetime ', num2str(ykokkino),' seconds'];
disp(K)
end
```

```
power =

   1.0000e-06

thin film battery lifetime 999000 seconds
button cell battery lifetime 9999999000 seconds
smartwatch battery lifetime 10000099000 seconds
```

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