8>
a>
```
function X=rep_sub1()
x=10000;
format long;
y=0;
for i=1:100000
    y=y+0.1;
end
X=x-y;
disp('the final value of continuos subtraction is');
display(X);
end
```

ans>
the final value of continuos subtraction is

X =

   -1.884836819954216e-08

b>

```
function X=rep_sub2()
x=10000;
format long;
y=0;
for i=1:80000
    y=y+0.125;
end
X=x-y;
display('the value after repeated subtraction');
disp(X)
end
```


ans>
the value after repeated subtraction
   0