

**Exercise :** Question 2

On this question I didn't check that the b vector was compatible.

```
1 function x=ltrisolve(L,b)
2 S=size(L);
3 if(S(1)~=S(2))
4     error("L is not square");
5 end
6 if(length(b)~=S(1))
7     error("b is not compatable");
8 end
9 for(i=1:length(b))
10     b(i)=b(i)/L(i,i);
11     b([i+1:length(b)])=b([i+1:length(b)])-b(i)*L([i+1:length(b)],i);
12 end
13 x=b;
14 endfunction
```