**LincBank: sample execution**

1. User is greeted, and given a list of options to choose from:

~~~ Welcome to LincBank! ~~~ open type initial\_deposit: open a current (1), savings (2) or ISA (3) account view [index]: view balance and recent transactions withdraw sum: withdraw funds from most recently viewed account deposit sum: deposit funds into most recently viewed account transfer src dest sum: transfer funds between accounts project years: project balance forward in time exit: close this application options: view these options again

1. User opens a new current account with an initial deposit of zero (£0):  
   >>> open 1 0 Current account created!
2. User deposits £1,500 into their current account:

>>> deposit 1500 Current account | Balance: £1500 -- initial deposit: £0.00 on Wed May 26 14:24:38 2021 -- deposit: £1500.00 on Wed May 26 14:24:45 2021

1. User tries to open an ISA with <£1000:

>>> open 3 500 ISA initial balance must be >= £1000.

1. User successfully opens an ISA with £1000:

>>> open 3 1000 ISA created!

1. User chooses to view their accounts (i.e., no index specified)

>>> view Current account | Balance: £1500 -- initial deposit: £0.00 on Wed May 26 14:24:38 2021 -- deposit: £1500.00 on Wed May 26 14:24:45 2021 ISA | Balance: £1000 -- initial deposit: £1000.00 on Wed May 26 14:28:15 2021

1. Users transfers £500 from their current account into their ISA:

>>> transfer 1 2 500 Transfer successful! Current account | Balance: £1000 -- initial deposit: £0.00 on Wed May 26 14:24:38 2021 -- deposit: £1500.00 on Wed May 26 14:24:45 2021 -- transfer to account 1: -£500.00 on Wed May 26 14:31:24 2021 ISA | Balance: £1500 -- initial deposit: £1000.00 on Wed May 26 14:28:15 2021 -- transfer from account 0: £500.00 on Wed May 26 14:31:24 2021

1. User projects their ISA balance two years into the future:

>>> project 2 Projected balance: £1534.89