**Python Exercise**

1. Write a Python function to convert a currency amount in Euros to an equivalent amount is US dollars, British pounds, or Canadian dollars. Use XE live exchange rates.
2. Write a Python function to do the reverse i.e. convert a currency amount in US dollars, British pounds, or Canadian dollars, to Euros.

A Euro bank account is a list of transaction values where a positive value indicates a debit transaction, and a negative value indicates a credit transaction e.g. [100, 200, -50] represents an account that has 3 transactions since it was opened, 2 debits and 1 credit, and has a current balance of €250

1. Write a function to debit an account, validate inputs.
2. Write a function to credit an account, validate inputs. An account cannot be overdrawn.
3. Write a function to calculate the balance on the account.
4. Test all the above with one bank account (list)
5. Use *map()* to convert the account into a US dollar account i.e. convert each transaction amount to its equivalent US dollar value.
6. Write a function which formats the account as a string like the following ‘debit: 100 debit: 200 credit: -50’. Use *reduce()*