Exercise

$1 NZ = $0.95 AUS. Write a program which converts $500 NZ to Australian dollars and converts $500 AUS to New Zealand dollars using the above exchange rate. The output of the program should be:

```python
amount_to_convert = 500
nz_to_aus_rate = 0.95
nz_dollars = amount_to_convert

aus_dollars = nz_dollars * nz_to_aus_rate
print("NZ $", nz_dollars, " = ", "AUS $", aus_dollars, sep="")

aus_dollars = amount_to_convert

nz_dollars = aus_dollars / nz_to_aus_rate
print("AUS $", aus_dollars, " = ", "NZ $", nz_dollars, sep="")
```

NZ $500 = AUS $475.0
AUS $500 = NZ $526.3157894736842