Koru Kids Technical Exercise

Thanks for taking the time to do our technical exercise!

The task is to implement a checkout system that conforms to the following interface:

(The example is given in Ruby, but your solution can be in whatever language you prefer)

```ruby
co = Checkout.new(rules)
co.scan(item)
co.scan(item)
price = co.total
```

Items

Item	Price
A	£30
B	£20
C	£50
D	£15

Promotions

- If 3 of Item A are purchased, the price for all 3 is £75.
- If 2 of Item B are purchased, the price for both is £35.
- If the total basket price (after previous discounts) is over £150, the basket receives a discount of £20.

Example Test Data

Basket	Price
A, B, C	£100
B, A, B, A, A	£110
C, B, A, A, D, A, B	£155

Requirements

The exercise shouldn't take more than a couple of hours, but feel free to spend as much or as little time on it as long as you do the following:

- Implement the interface in a language of your choice
- Write tests, which can be easily ran in one step
- Include your git history and commit regularly so we can see your thought process

Items can be scanned in any order. We also expect the marketing team will invent new kinds of promotional rules, so you should consider this when designing your solution. We're big fans of SOLID code.

When you're done, zip up the repo & email it to michael@korukids.co.uk.

Please don't push to a public repo e.g. on Github.

What's Next

We'll take a look at your code and get back to you with feedback within 3 working days.

That's it! Good luck.