**Assignment 1 : Unicorn Rescue Society**

**Inputs:** sponsor, unicorn, donationType, payPeriod, donationAmount, sideWidth, backWidth, gateWidth, gateHeight, gateType, paintJob, meal

**Output:** penCost, gateCost, total

**Pseudo Code**

1. Ask for name of sponsor and unicorn. Store names under strings “sponser” and “ unicorn”
2. Ask for donation type U, M or O, storing answer under char “donationType”
3. Ask for donation amount and payment period in months
4. Display total for donation
5. Input width of side walls, width of back wall, gate height, gate width. (If gate is not full width of pen, + (backWidth - gateWidth)\*12)
6. Pen cost (discluding gate) = 12\*(each input width) x $4
7. Ask for gate type, gold, silver or wood.
8. Multiply sqrfeet of gate by material for gate cost
9. Ask if gate needs paint job: if yes, prompt M, A or R options.
10. Ask for meal upgrades: if yes, prompt R, S options.
11. Display a receipt with the totals

Test 1-3 will use all numbers given in the samples to see if reciept/summary has the same outputs given the same inputs.