Pseudo Code (Car Wash)

1.Start

2. Declare variables and initialize

* Selected option= SO
* Total Price= TP
* Basic wash = $5.50
* Clean wash = $8.75
* Super Clean wash = $12.50

3. Display “Welcome! Please select a car wash option:” and store the chosen option to Selected Option (SO)

1. Basic wash
2. Clean wash
3. Super Clean wash

4. Match the selected option with:

1. Basic:
2. YES: Total Price = Basic wash (TP= $5.50) go to step 7
3. NO: go to step 4.II
4. Clean:
5. YES: Total Price = Clean wash (TP=$8.75) go to step 7
6. NO: go to step 4.III
7. Super Clean:
8. YES: Total Price = Super Clean wash (TP=$12.50) go to step 7
9. NO: go to step 4

7. Display “check out” option

8. Check if the shopping cart is empty:

1. YES: Display “Your cart is empty” go to step 3
2. NO: go to step 9

9. Display “Insert or Tap your credit card for payment”

10. Check if the transaction is successful:

1. YES: go to step 11
2. NO: Display “Retry Payment” go to step 9

11.Print or display the receipt page

Receipt

------------------------

Date:

Vehicle Number:

------------------------

Description Quantity Price Total

-------------------------------------------------------------------------------------------------

Car Wash Selected Option 1 $XX.XX $XX.XX

--------------------------------------------------------------------------------------------------

Payment Method: Credit Card

Credit Card Number:

---------------------------------------------------------------------------------------------------

Thank you!

12. END