Adam Kolb

CMSC 203

Assignment 2

Pseudocode

1. Import JFrame
2. Import JOptionPane
3. Import toy
4. Public class
5. Connect to toy class
6. Variable declaration
7. String name
8. Int age
9. String toy
10. String card
11. String balloon
12. String another toy and age check
13. First GUI box (welcome box)
14. Do loop
15. GUI box asking for the child’s name
16. Set name to the users input
17. Create GUI box asking the childs age
18. Set age to users input
19. Call setAge method from toy.java
20. Create GUI box asking for the childs toy
21. Set toy equal to users input
22. Call setToy method for Toy.java and set it equal to toy
23. Create if statement. If age is ok continue
24. Else. Create GUI box asking user if they would like to cancel
25. Yes=go back to 15. No = continue
26. Create GUI box asking if you would like to add a card and assign user input to card
27. Call addCard method for Toy.java
28. Create GUI box asking if you would like to add balloons
29. Call addBalloon method from Toy.java
30. Create GUI box asking if you want another toy
31. Print out “The gift for " + name + toy1.toString());”
32. Add total cost by calling getCost method
33. While statement for loop
34. Print out the total cost
35. Create random number generator
36. Print out the order number
37. Print out programmer name

Test Plan Table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case # | Input | Actual Input | Output | Actual Output | Did the test pass? |
| 1 | Kayden  4  Blocks  Yes  No  no | Kayden  4  Blocks  Yes  No  no | The gift for Kayden at 4 years old is blocks for $22.95  The total cost of your order is $22.95. Order number is 64115  Programmer: Adam Kolb | The gift for Kayden at 4 years old is blocks for $22.95  The total cost of your order is $22.95. Order number is 64115  Programmer: Adam Kolb | Yes |
| 2 | Tony  6  Plushie  No  No  No  No | Tony  6  Plushie  No  No  No  No | The gift for tony at 6 years old is a plushie for $25.00  The total cost of your order is $25.0. Order number is 13735  Programmer: Adam Kolb | The gift for tony at 6 years old is a plushie for $25.00  The total cost of your order is $25.0. Order number is 13735  Programmer: Adam Kolb | Yes |
| 3 | Randy  16  Book  No  No  Yes  No | Randy  16  Book  No  No  Yes  No | The gift for Randy at 16 years old is a book for $21.00  The total cost of your order is $21.0. Order number is 35777  Programmer: Adam Kolb | The gift for Randy at 16 years old is a book for $21.00  The total cost of your order is $21.0. Order number is 35777  Programmer: Adam Kolb | Yes |

Screenshots

A screenshot of a cell phone

Description automatically generatedA screenshot of a cell phone

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