CMSC203 Submitted by: Kabindra Raj Suwal

Assignment 2

Pseudocode

* Display welcome message in dialogue box
* Open do-while loop
* Open do-while loop
* Prompt user to enter child’s name
* Take input from keyboard
* Prompt user to enter the age of the child
* Take input from keyboard
* Prompt user to choose a toy (plushies, blocks, and books)
* Validate if choice of toy is age appropriate
* If not appropriate ask if the user wants to cancel that toy request. (yes/no?)
* End do while loop (while choice== yes)
* Prompt user to add balloon or card to gift (yes/no?)
* Take input from keyboard
* Display on the console the name, age and the total for gift
* Prompt user to add another gift or not(yes/no?)
* Take input from keyboard
* End do while loop (while reply==yes)
* Create a random 5-digit order number
* Display on the console the total amount of the order, a random five-digit order number, and the programmer name

Test Plan

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case # | Input | Actual Input | Expected Output | Actual Output | Did the test pass? |
| 1. | Dan  2  Plushie  Yes  No | Dan  2  Plushie  Yes  No | Name?  Age?  Toy?  Balloon/card?  Name: Dan  Age: 2  Toy: plushie  Another gift?  Total: $33.95  Order no: 26476  Programmer name: Kabindra | Name?  Age?  Toy?  Balloon/card?  Name: Dan  Age: 2  Toy: plushie  Another gift?  Total: $33.95  Order no: 26476  Programmer name: Kabindra | Yes |
| 2. | Dom  6  Plushie  no  Yes  No | Dom  6  Plushie  no  Yes  No | Name?  Age?  Toy?  Not appropriate  Cancel?  Balloon/card?  Name: Dom  Age: 6  Toy: plushie  Another gift?  Total: $33.95  Order no: 26476  Programmer name: Kabindra | Name?  Age?  Toy?  Not appropriate  Cancel?  Balloon/card?  Name: Dom  Age: 6  Toy: plushie  Another gift?  Total: $33.95  Order no: 26476  Programmer name: Kabindra | Yes |
| 3. | Tony  6  Plushie  Yes  Tony  6  Book  no  No | Tony  6  Plushie  Yes  Tony  6  Book  no  No | Name?  Age?  Toy?  Not appropriate  Cancel?  Name?  Age?  Toy?  Balloon/card?  Name: Dom  Age: 6  Toy: book  Another gift?  Total: $15.00  Order no: 26476  Programmer name: Kabindra | Name?  Age?  Toy?  Not appropriate  Cancel?  Name?  Age?  Toy?  Balloon/card?  Name: Dom  Age: 6  Toy: book  Another gift?  Total: $15.00  Order no: 26476  Programmer name: Kabindra | Yes |