**CMSC 203 ASSIGNMENT 2**

**PSEUDOCODE AND TEST TABLE**

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Pseudocode:

1. Create a new object for the class Toy.
2. Open do-while loop
3. Open another do-while loop
4. Prompt user to enter child’s name
5. Take input from keyboard
6. Prompt user to enter the age of the child
7. Take input from keyboard
8. Prompt user to choose a toy (plushies, blocks, and books)
9. Validate if choice of toy is age appropriate
10. If not appropriate ask if the user wants to cancel that toy request. (yes/no?)
11. End do while loop (while choice== yes)
12. Prompt user to add balloon or card to gift
13. Take input from keyboard
14. Display on the console the name, age and the total for gift
15. Prompt user to add another gift or not(yes/no?)
16. Take input from keyboard
17. End do while loop (while reply==yes)
18. Create a random 5-digit order number
19. Display on the console the total amount of the order, a random five-digit order number, and the programmer name

Test Table:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case #** | **Input** | **Actual Input** | **Expected Output** | **Actual Output** | **Did test pass?** |
| 1 | Name: Hugo  Age: 3  Toy: Block  Card: No  Balloon: Yes | Name: Hugo  Age: 3  Toy: Block  Card: No  Balloon: Yes | The gift for Hugo 2 years old is block $26.00 | The gift for Hugo 2 years old is block $26.00 | YES |
| 2 | Name: Susan  Age: 4  Toy: Plushie  Card: No  Balloon: No | Name: Susan  Age: 4  Toy: Plushie  Card: No  Balloon: No | The toy is not age appropriate. | The toy is not age appropriate. | YES |
| 3 | Name: Mark  Age: 1  Toy: Plushie  Card: Yes  Balloon: Yes | Name: Mark  Age: 1  Toy: Plushie  Card: Yes  Balloon: Yes | The gift for Mark 1 years old is block $33.95 | The gift for Mark 1 years old is block $33.95 | YES |