

### Pseudo Code

- Create string constant to use in window name parameter for the sake of convenience
- Declare string variable for name
- Declare integer variable for age
- Declare double variable for total cost
- Declare string variable for selected toy
- Declare Toy object for cost calculation
- Create string array to hold toy choices
- Declare runLoop instance boolean
- Greeting popup
- Prompt for name and store input
- Prompt for age and store input
- Ask for toy choice out of string array and assign string variable
- Create toy object with assigned parameters
- If Birthday file says that age associated with selection is significantly higher or lower, prompt for cancellation and repeat input
- Ask for card or balloon to be added
- Calculate total
- Display name age and gift
- Prompt for retry, if not, runLoop is false
- At the very end, generate random order number and print programmer name

### Output table

Test case no.	Input	Actual Input	Expected output	Actual Output	Pass/Fail
1	Susie Smith 2 Plushie No No Yes Johnny Jones 5 Blocks No No No	Susie Smith 2 Plushie No No Yes Johnny Jones 5 Blocks No No No	The gift for Susie Smith 2 years old is plushie \$25.00 The gift for Johnny Jones 5 years old is blocks \$20.00 The total cost of your order is \$45.00 Order number is 19578	BIRTHDAY GIFTS The gift for Susie Smith who is 2 years old is plushie which is \$25.00 The gift for Johnny Jones who is 5 years old is blocks which is \$20.00 The total cost of your order is \$45.00, Order number 10264 Programmer: James	Pass

				Pham	
2	James Pham Yes	James Pham Yes	InputMismatchException	NumberFormatException	Fail, wrong expected exception
3	A Name 0 Plushie No No No	A Name 0 Plushie No No No	The Gift for A Name 0 years old is plushie \$25.00. The total cost of your order is \$25.00 Order number is 12345	BIRTHDAY GIFTS The gift for A Name who is 0 years old is plushie which is \$25.00 The total cost of your order is \$25.00, Order number 17002 Programmer: James Pham	Pass