Task 1

Prepare test documentation to test the parcel limits from https://sberlogistics.ru/calculate using equivalence classes and limit values as follows:

- Make a separate checklist for each field from the picture with a set of values to be tested;
- Consider the dimension fields separately (consider only the "Specify manually" values and additional fields to them);
- Highlight positive and negative values (in green and red);
- Don't forget about non-linear classes, 0 and empty!

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Checklist

Addresses field

Class 1 (linear):

1.Москва, Россия; Санкт-Петербург, Россия
2.Лос-Анджелес, США; Manila, Philippines; Токио, Россия; テスト; امم تحان; -+%; пусто поле

Class 2 (non-linear)
1.Cities located in Russia
2.Cities outside of Russia, city and country names in English, city and country mismatch, symbols in different languages, special characters, no data available

Defined worth field

Equivalence classes:
Class 1 (linear): 0 <= 'Declared value' <= 200000
Values:
1. boundary- (0, 200000); borderline- (1, 199999,); middle -(57933)
2. boundary-(-1, 200001); border-(-2, 200002); empty field.

Class 2 (non-linear): ...
Values:
1.Integers within the allowed range of values

2. negative integers and real numbers in the invalid range, letters, empty

Weight (kg)

Equivalence classes:

Class 1 (linear): 1 <= 'Weight (kg)' 1 <= 10
Values:
1. boundary - (0, 10); borderline - (1, 9); middle - (5)
2. boundary - (- 1, 11); borderline - (-2, 12), empty field

Class 2 (non-linear): ...
Values:
1. Integers, real numbers, numbers in the range of 1 to 10
2. Empty, letters, special characters, negative integers, real numbers, numbers greater than 10.

Size(cm)

Requirements: SberParcel(60x60x60 cm)
Class 1 (linear)
(length)
1. boundary - (60, 1); border - (59, 2); middle - (30,)
2. boundary - (0, 61); borderline - (-1, 62)
(width)
1. boundary - (60, 1); boundary - (59, 2); middle - (30,)
2. boundary - (0, 61); border - (-1, 62)
(height)
1. boundary - (60, 1); boundary - (59, 2); middle - (30,)
2. boundary - (0, 61); borderline - (-1, 62)

Class 2 (non-linear)
1.Positive values of size (integers) within permissible limits
2.Negative and positive values of size and weight (integers) within unacceptable limits.

Requirements: SberPostamat

Class 1 (linear)
(length)
1. boundary - (60, 1); border - (59, 2); middle - (30,)
2. boundary - (0, 61); border - (-1, 62)

(width)
1. boundary - (60, 1); boundary - (59, 2); middle - (30,)
2. boundary - (0, 61); border - (-1, 62)
(height)
1. boundary - (36, 1); boundary - (35, 2); middle -(18)
2. boundary - (0, 37); borderline - (-1, 38)

Class 2 (non-linear)
1. Positive values of size and weight (integers and real numbers) within acceptable limits
2. Negative and positive values of size and weight (integers) within unacceptable limits.

Requirements: SberCourier

(L+W+H) - not more than 300 cm, maximum length of one side - 150 cm, weight up to 10 kg.
Class 1 (linear)
(length)
1. boundary - (0, 150); borderline - (1, 149); middle - (75)
2.boundary - (-1, 151); borderline - (-2, 152)
(width)
1. boundary - (0, 150); borderline - (1, 149); middle - (75)
2.boundary - (-1, 151); borderline - (-2, 152)
(height)
1. boundary - (0, 150); boundary - (1, 149); middle - (75)
2.boundary - (-1, 151); borderline - (-2, 152)

Class 2 (non-linear)
1. Positive values of size (integers) within acceptable limits
2. Negative and positive values of size and weight (integer numbers) within unacceptable limits.

Task 2

Condition: when buying devices on the site, the user may receive a discount for ordering exactly 10 devices if their total cost is within the following range: 7500 ₽ ≤ device value < 30000 ₽.
Apply the domain analysis technique to these requirements and Create a table of input values for the test cases
Write a generic (textual) test case for the use of the following received input values

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Тест-кейс с результатом 1

1		
Title - Order of 9 devices		
Priority - AA		
Related information		
Preconditions:		
Playback steps	Expected result	
1. Add 9 devices to the cart	1. The number of devices in the cart will become 9 devices	
2. The total sum of devices is equal to (data from the "Values" field of the test case)	Value	Result
	7500	No discount
	7499	No discount
	30000	No discount
	29999	No discount
	18750	No discount

Тест-кейс с результатом 2

2
Title - Order of 10 devices

Priority - A		
Related information		
Preconditions:		
Playback steps	Expected result	
1. Add 10 devices to the cart	1. The number of devices in the cart will become 10 devices	
2. The total sum of devices is equal to (data from the "Values" field of the test case)	Value	Result
	7500	Discount
	7499	No discount
	30000	No discount
	29999	Discount
	18750	Discount

3		
Title - Order of 11 devices		
Priority - A		
Related information		
Preconditions:		
Playback steps	Expected result	
1. Add 11 devices to the cart	1. The number of devices in the cart will become equal to 11	
2. The total sum of devices is equal to (data from the "Values" field of the test case)	Value	Result
	7500	No discount
	7499	No discount
	30000	No discount
	29999	No discount
	18750	No discount