

## Task 17 - Test techniques

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Name of the tested application: Warsaw Sneaker store

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For the boundary value analysis technique, I will design a test to calculate free shipping in the shopping cart. Free shipping is calculated from a value of 250 PLN. We can assume that the boundary values in this case will be the amounts of 249.99 and 250.01. Due to the fact that the store does not have exact prices, I was able to trigger the price of 249.98 and 250.63.

Do darmowej dostawy na terenie Polski brakuje Ci 0.02 PLN

0 PLN  250 PLN

Darmowa dostawa na terenie Polski!

0 PLN  250 PLN

Apart from the fact that I was unable to trigger the perfect boundary values in the given test, the amounts seem to be calculated correctly.

As for the equivalence partitioning technique, I don't really have the opportunity to apply this technique here. We can assume that the equivalence classes here will be each number from 0 to 250 and above because after that the shipping is already calculated and there are no real constraints imposed on it.

The only function available is free shipping calculation based on a specific amount. Due to the limited system of calculation, which is restricted to only one function, I am not able to create a specific set for equivalence classes. This would be possible if there were other functions assigned to specific values, which would allow for the creation of specific classes.