6 .- Value {true, {item, rice, 7}} for the final expression {true, Needed} (line 44) is not correct.

4 .- For the case expression:
case ItemStock of
  {item, Name, Q2} ->
    if Q1 > Q2 -> {true, {item, Name, Q1 - Q2}};
      true -> false
    end;
  false -> {true, Needed}
end
Is there anything incorrect?
1.- The context:
    ItemStock = false
    Needed = {item,rice,7}
2.- The argument value: false.
3.- Enter in the second clause.
4.- The final value: {true,{item,rice,7}}.
5.- Nothing.

1 .- Given the context:
    Name = rice
    Stock = [{item,rice,5},{item,bajoqueta,8}],
the following variable is assigned:
    ItemStock = false

0 .- In the function:
check_item(Needed = {item, Name, Q1}, Stock) ->
    ItemStock = lists:keyfind(Name, 1, Stock),
    case ItemStock of
      {item, Name, Q2} ->
        if Q1 > Q2 -> {true, {item, Name, Q1 - Q2}};
          true -> false
        end;
      false -> {true, Needed}
    end.
matching with first clause succeed.
            Is this correct

5 .- For the case expression:
case ItemStock of
  {item, Name, Q2} ->
    if Q1 > Q2 -> {true, {item, Name, Q1 - Q2}};
      true -> false
    end;
  false -> {true, Needed}
end
Is there anything incorrect?
1.- The context:
    ItemStock = false
    Needed = {item,rice,7}
2.- The argument value: false.
3.- Enter in the second clause.
4.- The final value: {true,{item,rice,7}}.
5.- Nothing.

2 .- Given the context:
    ItemStock = false,
The case expression:
case ItemStock of
  {item, Name, Q2} ->
    if Q1 > Q2 -> {true, {item, Name, Q1 - Q2}};
      true -> false
    end
end
matching with first clause failed
            case argument value :false

3 .- Given the context:
    ItemStock = false,
The case expression:
case ItemStock of false -> {true, Needed} end
matching with second clause succeed
            case argument value :false