Investment decision

Problem Statement: A person is going to invest his/her money in a new plot as a long term investment. So he will take the decision on the 3 factors, which are as followed:

1. Can get returns of more than 40%.
2. Plot is in a fertile soil
3. Plot is big enough to make a farm house

Lets make a truth table for investing as per the requirements of that person.

Return>40%	Fertile soil	Farmhouse	Buy
1	1	1	1
1	0	1	1
1	1	0	1
1	0	0	0
0	1	0	0
0	0	0	0
0	0	1	0
0	1	1	0

Solution : Hence, we can train perceptron to understand the requirements of a person and than conclude whether he should invest or not. For ex: By studying the above truth table we can clearly see that returns of the investment is of max importance.