**EXPERIMENT 3**

**GRADIENT DESCENT ALGORITHM**

**AIM**:- Implement gradient descent algorithm

**PROCEDURE**

1. Import numpy.
2. Initialize the m\_curr and b\_curr variables.
3. Fix the value for the no. of iterations and learning rate.
4. Implement for loop to calculate y\_pred and y.
5. For each iterations update m\_curr and b\_curr values.
6. Provide the values for x,y in separate arrays respectively.
7. Calculate Accuracy between y\_pred and y.

**RESULT:-**

