```
''' Gradient Descent Algorithm
    Neme :  Satbhai Anket Satbhai
    Roll No. : 4286 , Batch : B7
'''
def GradientDescent(start,learn_rate,grad,toler=0.000001):
        ans=[start]
        x=start
        diff=1
        while(diff>toler):
                prev=x
                x=x-learn_rate*grad(x)
                ans.append(x)
                diff=abs(prev-x)
        result=ans[len(ans)-1]
        return ans,len(ans),result,learn_rate

def diff_eqtn(x):
        return 2*(x+3)

process,steps,rslt,lr=GradientDescent(2,0.01,diff_eqtn)

print('Steps In Gradient Descent : ',process)
print('Lerning Rate : ',lr)
print('Number Of Steps : ',steps)
print('Result : ',rslt)
```