Practical 4 mL gradient

```
cur_x =2
rate = 0.01
precision = 0.000001
previous_step_size = 1
max_iters = 10000
iters = 0
df = lambda x: 2*(x+3)

while previous_step_size > precision and iters < max_iters:
  prev_x = cur_x
  cur_x = cur_x - rate * df(prev_x)
  previous_step_size = abs(cur_x - prev_x)
  iters = iters+1
  print("Iteration",iters,"\nX value is",cur_x)

print("The local minimus occurs at", cur_x)
```