JS6 // Responsible Gambling

After Anish participated in the Area 51 raid and escaped with some goodies, he decided to try out one of the gadgets he swiped from the Quantum lab. He discovered the gadget can actually see ahead into the future! With this device, Anish decides to test his luck with a gambling machine. So, Anish decides to pick a machine that either gives you a win or a loss. Given the future outcomes of machine, find the maximum profit Anish can make if he can start at any point and stop playing at any point. He can only go to machine once or it will look suspicious. Every play costs $50 and every win will award him $100. Sadly, Anish can only look into the future of a machine up to 100,000 plays.

Input Specification:
The first line will contain a string of characters representing the future of the machine. Each W represents a win on the gambling machine while each L represents a loss. The length of the string will be less than 100,000 characters.

Output Specification:
The output will be the maximum payout Zhehai will get if he starts and stops playing at any points on the machine.

Sample Input:
WWLLLWWLWWWL

Output Input:
200

Sample Input:
WLWLWLWLWLWLWLWLLWLWLWLL

Output Input:
50