Note:

First example:

For initial bounty $B = 300$, the bounty will change as follows :

i = 1: 300 <= 300, Trafalgar will run away.

i = 2: 300 > 200, Trafalgar will win and bounty will become 400

i = 3: 400 <= 500, Trafalgar will run away.

i = 4: 400 > 100, Trafalgar will win and bounty will become 500

i = 5: 500 <= 700, Trafalgar will run away.

After all the fights, the final bounty is less than or equal to L

If $B = 301$, we will have:

i = 1: 301 > 300, Trafalgar will win and bounty will become 401.

i = 2: 401 > 200, Trafalgar will win and bounty will become 501.

i = 3: 501 > 500, Trafalgar will win and bounty will become 601.

i = 4: 601 > 100, Trafalgar will win and bounty will become 701.

i = 5: 701 > 700, Trafalgar will win and bounty will become 801.

After all the fights, the final bounty will be greater than L.

$B = 300$ is then the maximum initial bounty.