Here’s a basic understanding according to luh’n algorithm. The details of the program are

written in the program file in comments.

1. First take input by user for a credit card store it in a variable named card. (40036014)
2. Access the last digit and store it in a variable named last. Card%10
3. Last=4036014%10=4
4. Divide Card by 10 to eliminate the last digit.
5. Card=4036014/10=4003601
6. Access second last digit store it in a variable second last.
7. Second Last=403601%10=1
8. Multiply second last by 2.
9. Second Last= 1 \*2 =2
10. Second last = second last % 2
11. Divide Card by 10 to eliminate the last digit.
12. Card=403601/10=400360
13. Add last and second last in a variable named output.
14. Output=output+last + second last=4+2=6

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7\*2+5\*2+8\*2+5\*2+9\*2+5\*2+4\*2

1+4+1+0+1+6+1+0+1+8+1+0+8=32

3+8+2+1+8+2+4+0=28

32+28=60