HackerLand University has the following grading policy:

* Every student receives a grade in the inclusive range from 0  to 100 .
* Any  less than 40  is a failing grade.

Sam is a professor at the university and likes to round each student's grade  according to these rules:

* If the difference between the grade  and the next multiple of  5 is less than 3, round  up to the next multiple of 5 .
* If the value of grade is less than 38 , no rounding occurs as the result will still be a failing grade.

**Examples**

* Grade 84 round to  (85 - 84 is less than 3)
* Grade 29 do not round (result is less than 40)
* Grade 57 do not round (60 - 57 is 3 or higher)

Given the initial value of grade for each of Sam's n  students, write code to automate the rounding process.

**Sample Input 0**

4

73

67

38

33

**Sample Output 0**

75

67

40

33

Program:

grades\_count = int(input().strip())

grades = []

result = []

for i in range(grades\_count):

        grades\_item = int(input().strip())

        grades.append(grades\_item)

for i in range(grades\_count):

    if grades[i] < 38 :

        result.append(grades[i])

    else:

        if grades[i]%5 > 2:

            newgrade = grades[i] + (5-(grades[i]%5) )

            result.append(newgrade)

        else:

            result.append(grades[i])

print(\*result, sep = "\n")