Grading student:

HackerLand University has the following grading policy:

- Every student receives a in the inclusive range from to .
- Any less than is a failing grade.

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

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

For example, will be rounded to but will not be rounded because the rounding would result in a number that is less than .

Given the initial value of for each of Sam's students, write code to automate the rounding process. For each , round it according to the rules above and print the result on a new line.

Input Format

The first line contains a single integer denoting (the number of students).
Each line of the subsequent lines contains a single integer, , denoting student 's grade.

Constraints

-
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Output Format

For each of the grades, print the rounded grade on a new line.

Sample Input 0

```
4
73
67
38
33
```

Sample Output 0

```
75
67
40
33
```

Explanation 0

ID	Original Grade	Final Grade
1	73	75
2	67	67
3	38	40
4	33	33

1. Student received a , and the next multiple of from is . Since , the student's grade is rounded to .
2. Student received a , and the next multiple of from is . Since , the grade will not be modified and the student's final grade is .
3. Student received a , and the next multiple of from is . Since , the student's grade will be rounded to .
4. Student received a grade below , so the grade will not be modified and the student's final grade is .

Solution:

```
int main() {
     int queries, grade;
     cin>>queries;

     for(int i=0; i<queries; i++)
        { cin>>grade;
          grade = (((grade/5)*5)+5)-grade <=2 && grade>=38 ?
                      grade/5)*5)+5) : grade);
            cout<<grade<<endl;
          }
     return 0;
}
```

Elegant Solution: