Χ



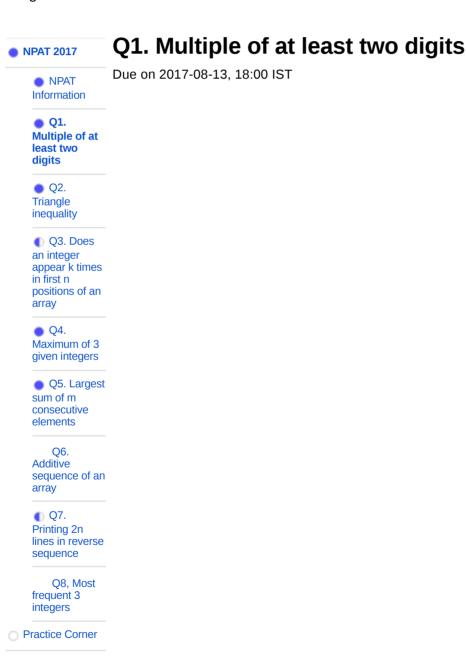
NPAT 2017

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Progress



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Compiler Information Sum of two numbers Solution for Sum of two numbers **Factorial** Solution for **Factorial** Reverse Words Store Credit Solution for Reverse Words Leap Year

Weightage: 10%

Note: In this guestion, you have to understand the code that is given and provide a testcase as explained in the problem statement.

The following function takes an integer $n \ge 10$ as an argument. It should return 1 if n is a multiple of at least two of its digits, and it should return 0 otherwise.

For example, the function should return 1 if n = 22 or n = 24, and it should return 0 if n = 23 or n = 42.

Give a value of n for which the given function does NOT work.

```
int check(int n) {
  int m = n;
  int digit;
  int count = 0;
  while(m > 0) {
    digit = m \% 10;
    m = m / 10;
    if(n % digit == 0) {
      count++;
    }
  }
  if(count >= 2) {
    return 1;
  } else {
    return 0;
  }
}
```

Open up the code submission box below and write your test case where you would normally enter your code.

Your input should be a positive integer.

Sample Test Cases

Campio Tost Gases	Input	Output
Test Case 1		correct

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Due Date Exceeded, You scored 100.0/100.

Your last recorded submission was :

```
#include <stdio.h>
   #include <regex.h>
 4
5
6
   int myinput =
    100
 7
    char regex format[] = "[1-9][0-9]*0[0-9]*";
10
   int main() {
11
12
13
       regex_t'emma;
regmatch_t matches[20];
       int status;
char myinput_str[100];
14
15
16
17
       sprintf(myinput_str, "%d", myinput);
       status = regcomp(&emma, regex_format, REG_EXTENDED);
status = regexec(&emma, myinput_str, 20, matches, 0);
18
<u>1</u>9
       if(myinput >= 10 && !status)
  printf("correct\n");
20
21
22
       else
          printf("wrong\n");
23
24
       return 0;
25 }
26
```

End

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