Shri Vile Parle Kelavani Mandal's



INSTITUTE OF TECHNOLOGY

DHULE (M.S.)

DEPARMENT OF COMPUTER ENGINEERING

Subject: Competitive Programming Lab (BTCOL606)

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Class: T.Y Comp Batch: T2 Division: T

Expt. No. :10 Date :

while (p < n) {

if (!stanTurn)

else

p *= (stanTurn ? 9 : 2);

stanTurn = !stanTurn; // switch turn

cout << "Stan wins." << endl;

Title: Problem 10: Write a Program to implement A multiplication

bool stanTurn = true; // true: Stan's turn, false: Ollie's turn

// Multiply p by 9 on Stan's turn, by 2 on Ollie's turn

Problem.

Remark

Signature

```
Code:
// MOHAMMAD_ANAS_31_TY_COMP

#include <iostream>
using namespace std;

int main() {
  long long n;
  while (cin >> n) {
   long long p = 1;
}
```

```
cout << "Ollie wins." << endl;
}
return 0;
}
Output:</pre>
```

```
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                                                                                                                         "D:\CODING FOLDER X
           *aut.cpp X qwerty.cpp X
           #include <iostream>
                                                                        162
                                                                        Stan wins.
      2
           using namespace std;
                                                                        17
Ollie wins.
      3
           int main() {
                                                                        34012226
      5
             long long n;
             while (cin >> n) {
long long p = 1;
bool stanTurn = true; // true: Stan's turn, false: Ollie's turn
                                                                        Stan wins.
      6
      8
      9
     10
                while (p < n) {
    11
12
                            by 9 on Stan's turn, by 2 on Ollie's turn
                  p *= (stanTurn ? 9 : 2);
                 stanTurn = !stanTurn; // switch turn
     13
     14
15
                if (!stanTurn)
     16
                 cout << "Stan wins." << endl;
     17
     18
                cout << "Ollie wins." << endl;
     19
     20
             return 0;
     21
     22
     23
Logs & others
D:\CODING FOLDER\C\qwerty.cpp
                                                                                 C/C++
                                                                                               Windows (CR+LF) WINDOWS-1252 Line 1, Col 1, Pos 0
```