

# MWC '15 #6 P1: Regpo

---

"public static void main string array args throws IOException", **atarw** muttered to himself while doing the Code Jam. He laughed for he knows he no longer has to type that. He mastered C++. With the unfamiliar brevity of code, he aced the contest. "Round 2" he thought. Things were going well for **atarw** until **aurpine** brought up the topic of math.

"Did you finish the regular polygon program?", **aurpine** asked.

**atarw** cursed. "What's that? Is that like regular expressions? Heh. Java..."

"Are you okay?" **aurpine** asked. "You've spent the last ten hours learning C++!"

"I *am* King Modulus after all".

"If you say so... But as a reminder, you had to make a program to find the exterior angle of a regular polygon with  $N$  sides to 6 decimal places. "

"Does mod apply here?"

"No."

"`;-;`".

"Just google it".

"You noob!", **Hypnova** chimed in.

## Input Specification

---

A single integer  $N$  ( $3 \leq N \leq 1000$ ).

## Output Specification

---

The exterior angle in degrees of a regular polygon with  $N$  sides. Your answer will be accepted within an error range of  $\pm 10^{-6}$ .

## Sample Input

---

3

## Sample Output

---

## Explanation for Sample Output

---

The exterior angle of a regular triangle is  $120^\circ$ .

## Epilogue

---

"**aurpine** are you daydreaming again?!" his math teacher yelled.