#include <stdio.h>

main() {

int n, i, count = 0;

printf("Enter a number n:");

scanf("%d", &n);

//logic

for (i = 1; i <= n; i++) {

if (n % i == 0) {

count++;

}

}

if (count== 2) {

printf("n is a Prime number");

}

else {

printf("n is not a Prime number");

}

return 0;

}