#include <stdio.h>

int main() {

int n, i = 1;

printf("Enter a positive integer: ");

scanf("%d", &n);

while (i <= n) {

if (i % 2 != 0) {

i++;

continue;

}

printf("%d\n", i);

i++;

}

return 0;

}

#include <stdio.h>

int main() {

int n;

while (1) {

printf("Enter a number: ");

scanf("%d", &n);

if (n < 0)

break;

}

printf("First negative number entered: %d\n", n);

return 0;

}

#include <stdio.h>

int main() {

int n, posCount = 0, negCount = 0;

while (1) {

printf("Enter a number (0 to stop): ");

scanf("%d", &n);

if (n == 0)

break;

if (n > 0)

posCount++;

else

negCount++;

}

printf("Positive numbers: %d, Negative numbers: %d\n", posCount, negCount);

return 0;

}

#include <stdio.h>

int main() {

int n, i = 1;

printf("Enter a positive integer: ");

scanf("%d", &n);

while (i <= n) {

if (i % 3 != 0) {

i++;

continue;

}

printf("%d\n", i);

i++;

}

return 0;

}

#include <stdio.h>

int main() {

int n, count = 0;

while (1) {

printf("Enter a number (-1 to stop): ");

scanf("%d", &n);

if (n == -1)

break;

count++;

}

printf("Total numbers entered: %d\n", count);

return 0;

}

#include <stdio.h>

int isPrime(int num) {

for (int i = 2; i \* i <= num; i++) {

if (num % i == 0)

return 0;

}

return 1;

}

int main() {

int n, i = 1;

printf("Enter a positive integer: ");

scanf("%d", &n);

while (i <= n) {

if (isPrime(i)) {

i++;

continue;

}

printf("%d\n", i);

i++;

}

return 0;

}

#include <stdio.h>

int main() {

int n, sum = 0;

while (1) {

printf("Enter an even number (0 to stop): ");

scanf("%d", &n);

if (n == 0)

break;

if (n % 2 != 0)

continue;

sum += n;

}

printf("Sum of even numbers: %d\n", sum);

return 0;

}

#include <stdio.h>

int main() {

int n;

printf("Enter a positive integer: ");

scanf("%d", &n);

while (n > 0) {

int digit = n % 10;

n /= 10;

if (digit == 0)

continue;

printf("%d\n", digit);

}

return 0;

}

#include <stdio.h>

int main() {

int n;

while (1) {

printf("Enter a number: ");

scanf("%d", &n);

if (n % 5 == 0) {

printf("First number divisible by 5: %d\n", n);

break;

}

}

return 0;

}

#include <stdio.h>

int main() {

int n, sum = 0;

while (1) {

printf("Enter a number (-1 to stop): ");

scanf("%d", &n);

if (n == -1)

break;

if (n == 0)

continue;

sum += n;

}

printf("Total sum: %d\n", sum);

return 0;

}