



```
int main() {  
    int n, i = 1;  
    printf("%d", i);  
    scanf("%d", &n);  
    while (i <= n) {  
        printf("%d", i);  
        i = i + 1;  
    }  
}
```

The code is a C program that implements the logic shown in the flowchart. It declares two integers, n and i , with i initialized to 1. It uses printf to print i and scanf to read the value of n . A while loop with the condition $i \leq n$ (circled in blue in the original image) prints i and increments it by 1 until the condition is no longer true.