C program to find number of digits in an integer.

Algorithm

1. Start
2. Read n;
3. Initialize digits = 0;
4. while (n != 0)
      4.1 digits++
      4.2 n = n/10;
5. Display digits;
6. Stop;

Flowchart

```
                    ( Start )
                        |
                        v
                  / Read n /
                        |
                        v
                  | digits = 0 |
                        |
                        v
                   <  n != 0  >——— F ———┐
              ┌——X          |           |
              |           T |           |
              |             v           |
              |      | digits++;        |
              |      |  n = n/10 ;       |
              └——————|                 |
                        |               |
                        v<—————————————┘
                  / print digits /
                        |
                        v
                   ( Stop )
```