Largest digit in a Number

#include<stdio.h>

int main()

{

int num, remainder, largest = 0;

printf("Enter a number:");

scanf("%d",&num);

while (num > 0)

{

remainder = num % 10;

if (largest < remainder)

{

largest = remainder;

}

num = num / 10;

}

printf("Largest digit is:%d", largest);

return 0;

}

