```c
// What is the return value of the function foo
//    when it is called as foo(345, 10) ?

#include <stdio.h>

int f(int j)
 {
    static int i = 50;
    int k;

    if (i == j)
     {
        printf("something");
        k = f(i);
        return 0;
     }
    else
        return 0;
 }


unsigned int foo(unsigned int n, unsigned int r)
 {
    if (n  > 0)
       return (n%r +  foo (n/r, r ));
    else
       return 0;
 }

int main()
 {
    printf( "%u" , foo( 345 , 10 ) );

    return (0);
 }
```