Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int reverse(int num)
{
    int rev = 0;
    while(num > 0)
    {
        rev = rev * 10 + num
        num /= 10;
    }
    return rev;
}
int isPalindrome(int num)
{
    return num == reverse(num
}
int main()
{
    int num;
    scanf("%d",&num);
    while(!isPalindrome(num))
    {
        num += reverse(num);
    }
    printf("%d\n",num);
    return 0;
}
```

	Input	Expected	Got	
✓	32	55	55	✓
✓	1234	5555	5555	✓

Passed all tests! ✓

Answer: (penalty regime: 0 %)

```
#include<stdio.h>
#include<math.h>
int isPrime(int num)
{
    if(num <= 1)
    {
        return 0;
    }
    if(num <= 3)
    {
        return 1;
    }
    if(num % 2 == 0 || num %
    {
        return 0;
    }
    int i = 5;
    while(i * i <= num)
    {
        if(num % i == 0 || nu
        {
            return 0;
        }
        i += 6;
    }
    return 1;
}
int main()
{
    int T,N;
    scanf("%d",&T);
    for(int i = 0; i< T; ++i)
    {
        scanf("%d",&N);
        int found = 0;
        for(int j = 2; j<= N/
        {
            if(isPrime(j) &&
            {
                found = 1;
```

```c
{
    int T,N;
    scanf("%d",&T);
    for(int i = 0; i< T; ++i)
    {
        scanf("%d",&N);
        int found = 0;
        for(int j = 2; j<= N/
        {
            if(isPrime(j) &&
            {
                found = 1;
                break;
            }
        }
        if(found)
        {
            printf("yes\n");
        }
        else
        {
            printf("no\n");
        }
    }
    return 0;
}
```

	Input	Expected	Got	
✓	5 20 12 23 34 16	yes yes no yes yes	yes yes no yes yes	✓

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int gcd(int a, int b)
{
    if(b==0)
    {
        return a;
    }
    else
    {
        return gcd(b, a%b);
    }
}
int main()
{
    int n,count = 0;
    scanf("%d",&n);
    for(int i = 1; i<=n; i++)
    {
        if(gcd(i,n) == 1)
        {
            count++;
        }
    }
    printf("%d\n",count);
    return 0;
}
```

	Input	Expected	Got	
✓	10	4	4	✓
✓	23	22	22	✓
✓	11	10	10	✓

Passed all tests! ✓