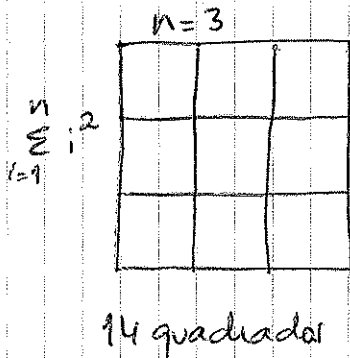


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```
int quad (int n)
{
    if (n==1)
        return 1;
    else
        return (n*n) + quad(n-1);
}
```



$2^2 + 1^2 = 5$  quadrados



n=1  
1 quadrado

segundos => hh:mm:ss

3753 -> 01:02:33

# include <stdio.h>

int main

{ int x, h, m, s;

printf ("Escreva em segundos: ");

scanf ("%d", &x);

h = x / 3600;

m = (x % 3600) / 60;

s = (x % 3600) % 60;

printf ("%d: %d: %d", h, m, s);

}

```

int div (int a, int b)
{
  if (a < b)
    return 0;
  else
    return 1 + div (a - b, b);
}

```

```

int i = 0;
while (a >= b)
{
  a = a - b;
  i++;
}
return i;

```

```

int maior3 (int a, int b, int c)
{
  if (a > b)
  {
    if (a > c)
      return a;
    else
      return c;
  }
  else
  {
    if (b > c)
      return b;
    else
      return c;
  }
}

```

```

int ePrimo (int n)
{
  int a, i = 0;
  a = n / 2;
  while (a > 1)
  {
    if (a % n == 0) i++;
    a--;
  }
  if (i != 0) return 0;
  return 1;
}

```