

Heimadæmi – heimadæmi 13 einstaklings

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```
rec fun thradur() {
  val container = makeChannel();
  var summa1 = 0;
  var summa2 = 0;
  go
  {
    for(;;)
    {
      summa1 = summa1 + <- container;

    };
  };
  go
  {
    for(;;)
    {
      summa2 = summa2 + <- container;

    };
  };
  {
    for(var i=1; i<10001; i=i+1){
      ;;; Fjöldi gilda sem hafa verið sett í containerinn c
      ;;; er á bilinu i - 10000.
      container <- i;
    };
  };
  {
    for(var j=1; j<10001; j=j+1){
      ;;; Fjöldi gilda sem hafa verið sett í containerinn c
      ;;; er á bilinu j - 10000.
      container <- j;
    };
  };

  write("summa1: "); writeln(summa1);
  write("summa2: "); writeln(summa2);
};
```

Prófanir:

```
thradur() ;
```

```
summa1: 49642185
```

```
summa2: 50367815
```

```
summa1: 51166818
```

```
summa2: 48843182
```

```
summa1: 49603506
```

```
summa2: 50406494
```

```
summa1: 49457244
```

```
summa2: 50552756
```

```
summa1: 49782250
```

```
summa2: 50227750
```