Define the following:

```
tall ← 5 3p'T'
wide ← 3 5p'W'
long ← 1 5p'L'
short ← 1 3p'S'
```

Task 2 Using tall and short, create: short_tall SSS TTT TTT

Task 3 Using tall and short, create: tall_short TTTSSS TTTSSS TTTSSS TTTSSS TTTSSS

Using long, wide, and tall, create: tall_long_wide TTTLLLLL TTTLLLLL TTTWWWWW TTTWWWWW TTTWWWWW

Using short, long, wide, and tall, create: all TTTLLLLL TTTLLLLL TTTWWWWW TTTWWWWW

TTTWWWWW SSSLLLL

Create this list of temperatures in degrees Celsius:

How many temperatures are negative?

3

For any temperature t_C in Celsius, the corresponding temperature t_F in Fahrenheit is $t_F = \left(\frac{9}{5}t_C\right) + 32$.

Using a single expression, create t_F from t_C.

Define the array prices to hold the prices of 3 products:

```
prices
3.50 7.99 4.25
pprices
3
```

Define quantities as a table that tells how many of each product was ordered on each of 5 days: quantities ← 5 3ρ3 5 0 7

Using quantities, how many products were ordered on each day?

```
quantity_per_day
8 15 10 12 8
```

Using quantity_per_day, how many products have been ordered, all in total?

```
total_quantity
```

For each product how many did we sell in total?

quantity_per_product

18 20 15

Using quantity_per_product, how many did we sell of the product that we sold the most of?

most_sold

20

For each day, how many products did sold at least 1? varieties

2 3 2 2 2

On how many days did we sell more than 10 items in total?

super_days

2

Using prices and quantities, compute the income per product per day:

```
incomes

10.5 39.95 0

24.5 23.97 21.25

0 55.93 12.75

17.5 0 29.75

10.5 39.95 0
```

Using incomes, compute the total income for each day:

```
total_per_day 50.45 69.72 68.68 47.25 50.45
```

Using total_per_day, compute the grand total: grand_total 286.55

Task 14 (bonus task)

Recompute grand_total with a single expression that only uses prices and quantities:

grand_total

286.55

Task 15 (bonus task)

Create this pattern:

Try to make your code as short as possible!