1. Write a program that will declare and initialise the following array:

`examMarks`

75	28	56	100	4	65
0	1	2	3	4	5

The program should end by printing the contents of the array to screen.

2. Write a program that uses an array to store the following six lotto numbers. The program should end by displaying the lotto numbers on screen.

`8, 12, 18, 22, 29, 34`

3. Write a program that will declare and initialise the array `prices` as shown in the following diagram. The code should use an appropriate loop to print out the contents of the array.

12.99	15.00	9.50	130.00	2.99

5. Write a program using an array that will read in the prices of 5 different items from the user. The program should then redisplay the 5 prices entered on screen, and should also calculate and display the total price.

6. Write a program using an array called `temps` to hold the midday temperature for the seven days of the week. The program should prompt the user to enter each temperature in turn, and calculate and display the average temperature.

7. Write a program that will use an array to store the names of the days of the week. The program should then print out the days of the week in order, and then print out the days of the week in reverse order.

8. Create a new version of this program that works out whether each day is a weekday, or weekend day. Store the days in an array, but do not store anything else. Use a `switch` statement in your code.

```
Monday - weekday
Tuesday - weekday
Wednesday - weekday
Thursday - weekday
Friday - weekday
Saturday - weekend
Sunday - weekend
```