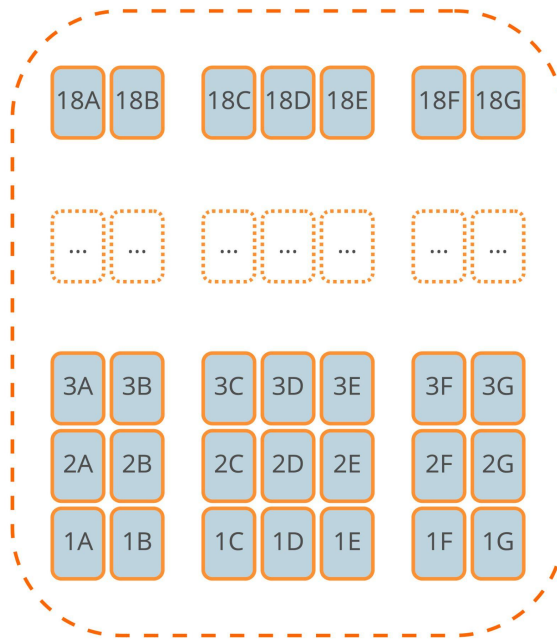


Mar Air seating assignment

Mars Air, the low budget airline, needs a computer program to help them with seating assignments for their flights. All Mars Air planes have the same simple seating arrangement:



Your task is to create a simple command-line program which will assign seating for groups of passengers. The program should assign passengers to empty seats as close to the front of the plane as possible. The program should also prefer to assign a group to a contiguous block of seats, where possible.

The command line program should work in a loop, repeatedly taking a line of input which specifies the size of a new group, and returning a seating assignment for that group.

Here's an example interaction, with user input in blue:

```
$> ./seating-assignment
WELCOME TO MARS AIR SEATING

How many passengers in your group? 2
Seating assignments: 1A 1B

How many passengers in your group? 4
Seating assignments: 1C 1D 1E 1F

How many passengers in your group? 3
Seating assignments: 2C 2D 2E

How many passengers in your group? 2
Seating assignments: 2A 2B
```