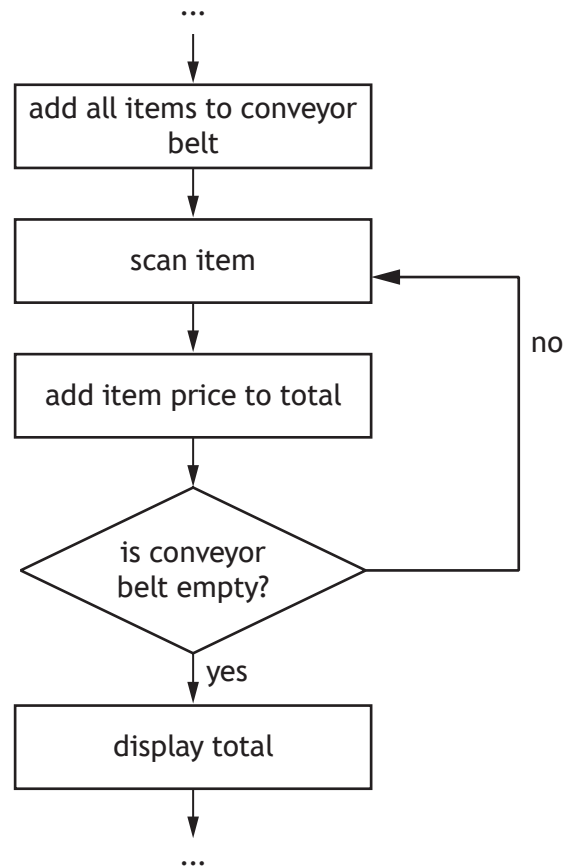
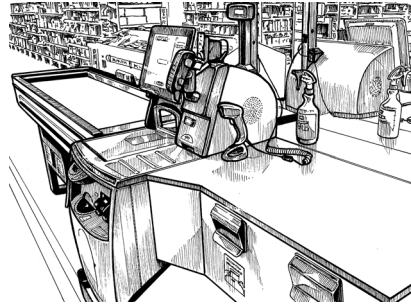


8. A new supermarket self-service till is being designed for customers. Part of the program design is shown below.

**MARKS**

DO NOT WRITE IN THIS MARGIN



- (a) State the design technique shown above.

1

- (b) State which type of loop is used in this design.

1

- (c) State the most suitable data type for the variable that will be used in the 'is conveyor belt empty?' step.

1