An electronic shop in Auckland CBD is very famous selling a number of quality electronic products for last 5 years to customers Auckland wide. Generally, the shop offers product refund option for customers to return the product within 15 days as long as the condition of the product is not deteriorated. However, not all products come with refund option, but sometime because of staff ignorance those items are getting sold with refund option which cause lots of trouble for shop owner and customers.

As a prototype, create a Java program to model following products information:

For your program just consider only two products: TV and Speaker available in the shop for sale and both have following information:

Name

Make

Manufacture Date

Colour

Price

Warranty period

Discount rate

The additional information for TV is size and type of TV (LCD, LED, Plasma) and for Speaker

is width, height and weight.

As owner can’t afford to sell TV with refund option so only Speaker products are sellable with refund option.

Provide a flexibility for owner to change the number of days value for the refund and it should display to staff which product is available for refund to confirm they are selling products with right information to customer to avoid any future dispute.