

Start
CREATE window utama
CREATE object CoffeeCassierApp
CALL mainloop

SET window title dan ukuran
LOAD logo jika file tersedia

DEFINE coffee_menu
DEFINE non_coffee_menu
DEFINE snack_menu

INITIALIZE orders sebagai list kosong
INITIALIZE total_revenue = 0

CALL create_widgets()
CREATE main_frame
CONFIGURE layout grid

DISPLAY title dan logo

CREATE combobox coffee
CREATE combobox non-coffee
CREATE combobox snack

CREATE spinbox quantity

CREATE buttons:
Order → place_order
Clear → clear_selection
Print Receipt → print_receipt
Export PDF → export_pdf

Reset All → reset_all

CREATE receipt_text area + scrollbar

CREATE summary label (total order & revenue)

CONFIGURE bold text style for TOTAL

SET name = NONE

SET price = NONE

IF coffee selected THEN

 name = selected coffee

 price = coffee_menu[name]

ELSE IF non-coffee selected THEN

 name = selected non-coffee

 price = non_coffee_menu[name]

ELSE IF snack selected THEN

 name = selected snack

 price = snack_menu[name]

IF name or price is NONE THEN

 SHOW warning

 RETURN

GET quantity

IF quantity <= 0 THEN

 SHOW warning

 RETURN

CALCULATE subtotal = price × quantity

ADD order to orders list

ADD subtotal to total_revenue

DISPLAY order details in receipt_text

CALL update_summary()

CALL clear_selection()

RESET coffee selection

RESET non-coffee selection

RESET snack selection

SET quantity = 1

UPDATE summary label:

total orders

total revenue

IF orders list empty THEN

SHOW warning

RETURN

GET full receipt text

CLEAR receipt_text

FOR each line in receipt:

IF line contains "TOTAL REVENUE" THEN

INSERT line with bold style

ELSE

INSERT line normally

SHOW info message

IF orders list empty THEN

SHOW warning

RETURN

OPEN save file dialog

IF user cancel THEN

RETURN

TRY

CALL create_pdf(file_path)

SHOW success message

CATCH error

SHOW error message

CREATE PDF document

IF logo exists THEN

ADD logo to PDF

ADD cafe title, subtitle, address, date

CREATE table header

FOR each order in orders:

ADD order data to table

ADD table to PDF

ADD total revenue

ADD thank you message

SAVE PDF

CREATE receipt header

ADD date and address

FOR each order:

 ADD item details

 ADD TOTAL REVENUE

 RETURN receipt text

 ASK confirmation

 IF user confirms THEN

 CLEAR orders list

 SET total_revenue = 0

 CLEAR receipt_text

 CALL update_summary()