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CS210

Project Two Airgead Bank Pseudocode

function main():

DISPLAY greeting message to user

GET the current time

CONVERT the time to 24hour format

IF the time is more than 2 and less than 12

THEN greet “good morning”

ELSE IF the time is more than or equal to 12 and less than 16

THEN greet “good afternoon”

ELSE greeting “good evening”

DO

PROMPT input for initial investment, annual interest rate, numbers of years and

monthly deposit

VALIDATE the input type

IF input is validated THEN store the value

ELSE displays error message

DISPLAY user input data

CALCULATE the interest and balance without deposit

DISPLAY the balance and interest without monthly deposit table

CALCULATE the interest and balance with deposit

DISPLAY the balance and interest with monthly deposit table

DISPLAY user menu for other features option

IF select option 1 THEN user can input data again

IF select option 2 THEN user can print the table

IF select option 3 THEN exit the program

WHILE user input is not equal to option 3 THEN program continue