bonusAb //bonusAb function, utilizes 2D Array

ofstream outputFile //reads callsign.txt validation

outputFile.open("callsign.txt") //outputs file to "callsign.txt"

string mpaUserInput[2][5] = //using 2D Array, 2 Rows, 5 Columns

"ROW0 COL0","ROW0 COL1","ROW0 COL2","ROW0 COL3","ROW0 COL4",

"ROW1 COL0","ROW1 COL1","ROW1 COL2","ROW1 COL3","ROW1 COL4"

//mpa1+2 compensate string 2D array on ^

string mpa1[5] = "ALPHA", "BRAVO", "CHARLIE", "DELTA", "ECHO"

string mpa2[5] = "FOXTROT", "GOLF", "HOTEL", "INDIA", "JULIET"

"\nBONUS QUESTION \n" // bonus question title

"WHAT IS THE FIRST TEN MILITARY PHONETIC ALPHABETS ?\n" //bonus question

"\n"

"ENTER PHONETIC ABCDEFGHIJ: " //bonus question prompt

//

( row = 0 row < 2 row++)

( col = 0 col < 5 col++)

"LETTER " (col+1) ": "

mpaUserInput[row][col]

//VALIDATING ROW 1

"VALIDATING ROW 1: "

( col = 0 col < 5 col++)

// loop to caps all columns //validates length of any column in first row

//i.e. userinput has 4 char (alfa)

// 0 < userinput ++ until reaches length of userinput (4 chars)

( i = 0 i < mpaUserInput[0][col].length i++)

//the char of userinput will (=) become uppercase (ALFA)

(mpaUserInput[0][col])[i] = toupper((mpaUserInput[0][col])[i])

// VALIDATION ROW 1 (see mpa1 arrays)

// userinput in row 0 any column is the same as mpa1 any column

//i.e. is ALFA the same as ALPHA? yes, CORRECT , WRONG

(mpaUserInput[0][col] == mpa1[col])

"CORRECT!" //validates in column the correct MPA

"WRONG!!!" //validates in column the wrong MPA

//

//VALIDATING ROW 2

"VALIDATING ROW 2: "

( col = 0 col < 5 col++)

( i = 0 i < mpaUserInput[1][col].length i++)

(mpaUserInput[1][col])[i] = toupper((mpaUserInput[1][col])[i])

// VALIDATION ROW2 (see mpa2 arrays)

(mpaUserInput[1][col] == mpa2[col])

"CORRECT!"

"WRONG!!!"

// show initial value AFTER

( row = 0 row < 2 row++)

( col = 0 col < 5 col++)

mpaUserInput[row][col]

outputFile mpaUserInput[row][col] "\r\n"

outputFile "\r\n"

"THANKS PLAYING!"

winlosefunction

winpr

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// Revalidate Question

bool areYouSure //areYouSure function= called every question

char rysChar //char holds the (Y/n) reply

"IS THAT YOUR FINAL ANSWER?(Y/n): "// function msg

rysChar //user's input (Y/n)

(toupper(rysChar) == 'Y') //toupper rysChar can either be Y/y

//test return: comment out

// "return true\n"

return true

return false //returns false

moneyPo( value) //moneyPo function used every question answer wrong/correct

money = value // money holds the given value the 15 questions

"\nYOU HAVE EARNED: $" money //output money earned

cls ( n) //psuedo clear screen function

( i = 1i<ni++) //n holds the variable to determine how many spaces are used

//

//constant eger variable setting array size 2, corresponds to the ID s linear search

searchList( list[], numElems, value)

index = 0 //subscript to search array

position = -1 //record position of search value

bool found = false // boolean to indicate the value was found, found is set to false

(index < numElems && !found)

(list[index] == value) // the value is found

found = true // Set the flag

position = index // Record the value's subscript

index++ // Go to the next element

return position // Return the position, or -1

displayNumbers( \*nbr[], rows, columns) //Poers with arrays

//displays the money po "pay out structure" case: 5 in Menu function

( i = 0 i < rows i++)

( j = 0 j < columns j++)

"Money Po: $" (\*(nbr+i))[j]

"Money Po: $1000000"

struct poll1 //structure to create a audience poll question 1

A //A-D holds the % audience poll "le line"

B

C

D

question1poll //questionpoll object

struct poll2 //structure to create a audience poll question 2

A //A-D holds the % audience poll "le line"

B

C

D

question2poll //questionpoll object

struct poll3 //structure to create a audience poll question 3

A //A-D holds the % audience poll "le line"

B

C

D

question3poll //questionpoll object

struct poll4 //structure to create a audience poll question 4

A //A-D holds the % audience poll "le line"

B

C

D

question4poll //questionpoll object

struct poll5 //structure to create a audience poll question 5

A //A-D holds the % audience poll "le line"

B

C

D

question5poll //questionpoll object

struct poll6 //structure to create a audience poll question 6

A //A-D holds the % audience poll "le line"

B

C

D

question6poll //questionpoll object

struct poll7 //structure to create a audience poll question 7

A //A-D holds the % audience poll "le line"

B

C

D

question7poll //questionpoll object

struct poll8 //structure to create a audience poll question 8

A //A-D holds the % audience poll "le line"

B

C

D

question8poll //questionpoll object

struct poll9 //structure to create a audience poll question 9

A //A-D holds the % audience poll "le line"

B

C

D

question9poll //questionpoll object

struct poll10 //structure to create a audience poll question 10

A //A-D holds the % audience poll "le line"

B

C

D

question10poll //questionpoll object

struct poll11 //structure to create a audience poll question 11

A //A-D holds the % audience poll "le line"

B

C

D

question11poll //questionpoll object

struct poll12 //structure to create a audience poll question 12

A //A-D holds the % audience poll "le line"

B

C

D

question12poll //questionpoll object

struct poll13 //structure to create a audience poll question 13

A //A-D holds the % audience poll "le line"

B

C

D

question13poll //questionpoll object

struct poll14 //structure to create a audience poll question 14

A //A-D holds the % audience poll "le line"

B

C

D

question14poll //questionpoll object

struct poll15 //structure to create a audience poll question 15

A //A-D holds the % audience poll "le line"

B

C

D

question15poll //questionpoll object

question1Audpol //created an object to produce an audience poll le-line

question1poll.A = 50 //answer A is likely the answer

question1poll.B = 15 //answer B is 15%

question1poll.C = 30 //answer C is 30%

question1poll.D = 5 //answer 5 is 5%

"\n"

"Audience Poll\n"

"A: " question1poll.A "%" "C: " question1poll.C "%"

"B: " question1poll.B "%" "D: " question1poll.D "%"

"\n"

question1Audpo2 //created an object to produce an audience poll le-line

question2poll.A = 17 //answer A is 17%

question2poll.B = 60 //answer B is likely the answer

question2poll.C = 13 //answer C is 30%

question2poll.D = 10 //answer D is 5%

"\n"

"Audience Poll\n"

"A: " question2poll.A "%" "C: " question2poll.C "%"

"B: " question2poll.B "%" "D: " question2poll.D "%"

"\n"

question1Audpo3 //created an object to produce an audience poll le-line

question3poll.A = 11 //answer A is 11%

question3poll.B = 14 //answer B is 14%

question3poll.C = 66 //answer C is likely the answer

question3poll.D = 9 //answer D is 9%

"\n"

"Audience Poll\n"

"A: " question3poll.A "%" "C: " question3poll.C "%"

"B: " question3poll.B "%" "D: " question3poll.D "%"

"\n"

question1Audpo4 //created an object to produce an audience poll le-line

question4poll.A = 45 //answer A is likely the answer

question4poll.B = 20 //answer B is 20%

question4poll.C = 17 //answer C is 17%

question4poll.D = 18 //answer D is 18%

"\n"

"Audience Poll\n"

"A: " question4poll.A "%" "C: " question4poll.C "%"

"B: " question4poll.B "%" "D: " question4poll.D "%"

"\n"

question1Audpo5 //created an object to produce an audience poll le-line

question5poll.A = 16 //answer A is

question5poll.B = 23 //answer B is 20%

question5poll.C = 49 //answer C is likely the answer

question5poll.D = 12 //answer D is 18%

"\n"

"Audience Poll\n"

"A: " question5poll.A "%" "C: " question5poll.C "%"

"B: " question5poll.B "%" "D: " question5poll.D "%"

"\n"

question1Audpo6 //created an object to produce an audience poll le-line

question6poll.A = 5 //answer A is 5%

question6poll.B = 78 //answer B is likely the answer

question6poll.C = 9 //answer C is 9%

question6poll.D = 8 //answer D is 8%

"\n"

"Audience Poll\n"

"A: " question6poll.A "%" "C: " question6poll.C "%"

"B: " question6poll.B "%" "D: " question6poll.D "%"

"\n"

question1Audpo7 //created an object to produce an audience poll le-line

question7poll.A = 67 //answer A is likely the answer

question7poll.B = 12 //answer B is 12%

question7poll.C = 6 //answer C is 6%

question7poll.D = 15 //answer D is 15%

"\n"

"Audience Poll\n"

"A: " question7poll.A "%" "C: " question7poll.C "%"

"B: " question7poll.B "%" "D: " question7poll.D "%"

"\n"

question1Audpo8 //created an object to produce an audience poll le-line

question8poll.A = 10 //answer A is 10%

question8poll.B = 12 //answer B is 12%

question8poll.C = 55 //answer C is is likely the answer

question8poll.D = 23 //answer D is 23%

"\n"

"Audience Poll\n"

"A: " question8poll.A "%" "C: " question8poll.C "%"

"B: " question8poll.B "%" "D: " question8poll.D "%"

"\n"

question1Audpo9 //created an object to produce an audience poll le-line

question9poll.A = 72 //answer A is is likely the answer

question9poll.B = 10 //answer B is 10%

question9poll.C = 6 //answer C is 6%

question9poll.D = 12 //answer D is 12%

"\n"

"Audience Poll\n"

"A: " question9poll.A "%" "C: " question9poll.C "%"

"B: " question9poll.B "%" "D: " question9poll.D "%"

"\n"

question1Audpo10 //created an object to produce an audience poll le-line

question10poll.A = 90 //answer A is is likely the answer

question10poll.B = 3 //answer B is 3%

question10poll.C = 6 //answer C is 6%

question10poll.D = 1 //answer D is 1%

"\n"

"Audience Poll\n"

"A: " question10poll.A "%" "C: " question10poll.C "%"

"B: " question10poll.B "%" "D: " question10poll.D "%"

"\n"

question1Audpol1 //created an object to produce an audience poll le-line

question11poll.A = 65 //answer A is is likely the answer

question11poll.B = 3 //answer B is 3%

question11poll.C = 26 //answer C is 26%

question11poll.D = 6 //answer D is 1%

"\n"

"Audience Poll\n"

"A: " question11poll.A "%" "C: " question11poll.C "%"

"B: " question11poll.B "%" "D: " question11poll.D "%"

"\n"

question1Audpol2 //created an object to produce an audience poll le-line

question12poll.A = 15 //answer A is 15%

question12poll.B = 49 //answer B is is likely the answer

question12poll.C = 20 //answer C is 20%

question12poll.D = 16 //answer D is 16%

"\n"

"Audience Poll\n"

"A: " question12poll.A "%" "C: " question12poll.C "%"

"B: " question12poll.B "%" "D: " question12poll.D "%"

"\n"

question1Audpol3 //created an object to produce an audience poll le-line

question13poll.A = 4 //answer A is 4%

question13poll.B = 3 //answer B is 3%

question13poll.C = 88 //answer C is likely the answer

question13poll.D = 5 //answer D is 5%

"\n"

"Audience Poll\n"

"A: " question13poll.A "%" "C: " question13poll.C "%"

"B: " question13poll.B "%" "D: " question13poll.D "%"

"\n"

question1Audpol4 //created an object to produce an audience poll le-line

question14poll.A = 14 //answer A is 14%

question14poll.B = 13 //answer B is 13%

question14poll.C = 63 //answer C is likely the answer

question14poll.D = 10 //answer D is 10%

"\n"

"Audience Poll\n"

"A: " question14poll.A "%" "C: " question14poll.C "%"

"B: " question14poll.B "%" "D: " question14poll.D "%"

"\n"

question1Audpol5 //created an object to produce an audience poll le-line

question15poll.A = 2 //answer A is 2%

question15poll.B = 92 //answer B is likely the answer

question15poll.C = 4 //answer C is 4%

question15poll.D = 2 //answer D is 2%

"\n"

"Audience Poll\n"

"A: " question15poll.A "%" "C: " question15poll.C "%"

"B: " question15poll.B "%" "D: " question15poll.D "%"

"\n"