





positions(int seq[],
int guess[], int size)

Declare Variables
cc=0
cw=0
tempS[size]
tempG[size]

int i=0

tempS[i]=seq[i]
tempG[i]=guess[i]

i++
i<size

true

int i=0

if (tempG[i] == seq[i])
cc++

int j=0

if(tempG[j] == tempS[j])
cw++
tempS[j]=0
tempG[j]=-1

j++
j<size

true

i++
i<size

true

CW=CC

if (size == 4)

false

else if (size == 6)

false

else

Output
setw(14)<<cc
setw(18)<<cw

Output
setw(12)<<cc
setw(16)<<cw

Output
setw(10)<<cc
setw(14)<<cw

End of Function

options(int &pegs,
bool &dupes)

Declare Variables
choice

Menu for Options

Output the Menu
Input the choice

B

Case A
choice=='A'

false

Case B
choice=='B'

false

Default

Output
Current length
Input new length

pegs==4
or pegs==6
or pegs==8

false

true

Output
Invalid input
Input new length

Output
New length

Output
Current dupe rule

if (dups)
dups=false

false

else
dups=true

Output
New dupe rule

Output
New dupe rule

Output
Exiting Options

End of Function

B