Module CloudForest

code[3]= "CLOUD FOREST"

r=0

x=0

Display "Enter how many people: "

Read people

While people<=0

Display "Invalid number of people. Please enter at least 1 person."

End if

End while

Else

While people>=x

r++

Display "Enter person "+r+" residency (1- Singapore Resident, 2- Non Singapore Resident ): "

Read residences

If residences!=1 and residences!=2

Display "Invalid resident type. Please enter (1-2)."

Else

If residences==1

Call ageValidation(people,birthyear,x,age)

If age<3

Calculate toddler[5]= toddler[5]+1

Else

If age>=3 && age<=12

Calculate child[5]= child[5]+1

Calculate out[12]= "Child Singapore Resident"

Else

If age<=59

Calculate adult[5]= adult[5]+1

Calculate out[11]="Adult Singapore Resident"

Else

Calculate senior[3]= senior[3]+1

Calculate out[13]= "Senior Citizens Singapore Resident"

End if

Else

Call ageValidation(people,birthyear,x,age)

If age<3

Calculate toddler[6]= toddler[6]+1

Else

If age>=3 && age<=12

Calculate child[6]= child[6]+1

out[15]="Child Non Singapore Resident"

else

Calculate adult[6] adult[6]+1

out[14]= "Adult Non Singapore Resident"

End if

x++

End while

Else

Calculate childGuardian[3]= adult[5]+child[5]+senior[3]+adult[6]+child[6]+toddler[5]+toddler[6]

End while

Return