Module FlowerDome

code[2]= "FLOWER DOME"

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[3]= toddler[3]+1

Else

If age>=3 && age<=12

Calculate child[3]= child[3]+1

Calculate out[7]= "Child Singapore Resident"

Else

If age<=59

Calculate adult[3]= adult[3]+1

Calculate out[11]="Adult Singapore Resident"

Else

Calculate senior[2]= senior[2]+1

Calculate out[8]= "Senior Citizens Singapore Resident"

End if

Else

Call ageValidation(people,birthyear,x,age)

If age<3

Calculate toddler[4]= toddler[4]+1

Else

If age>=3 && age<=12

Calculate child[4]= child[4]+1

out[10]="Child Non Singapore Resident"

else

Calculate adult[4] adult[6]+1

out[9]= "Adult Non Singapore Resident"

End if

x++

End while

Else

Calculate childGuardian[2]= adult[3]+child[3]+senior[2]+adult[4]+child[4]+toddler[3]+toddler[4]

End while

Return