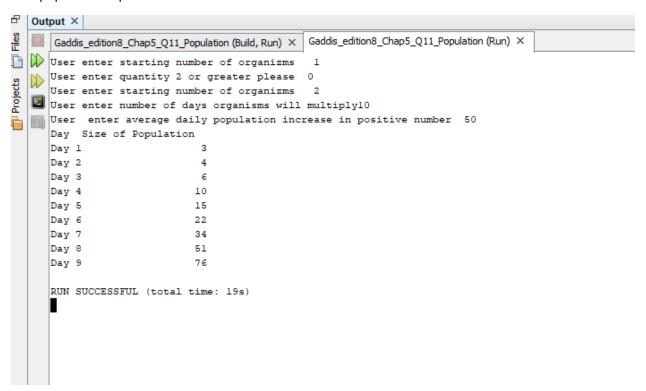
```
Output - Gaddis_edition8_Chap5_Q11_Population (Run) X
User enter starting number of organizms
                                            150000
   User enter number of days organisms will multiply10
User enter average daily population increase in positive number 50
Day Size of Population
Day 1
                      225000
                      337500
Day 3
                     506250
   Day 4
                     759375
   Day 5
                     1139062
   Day 6
                     1708593
   Day 7
                     2562890
   Day 8
                     3844335
   Day 9
                     5766503
   RUN SUCCESSFUL (total time: 15s)
```

Test population input validation



Test for day input

```
Gaddis_edition8_Chap5_Q11_Population (Build, Run) × Gaddis_edition8_Chap5_Q11_Population (Run) ×

User enter starting number of organizms 200

User enter number of days organisms will multiply0

User enter duration 1 day or more 1

User enter average daily population increase in positive number 50

Day Size of Population

RUN SUCCESSFUL (total time: 17s)
```

Test for percentage validation

```
Gaddis_edition8_Chap5_Q11_Population (Build, Run) × Gaddis_edition8_Chap5_Q11_Population (Run)
User enter starting number of organizms
                                             8000
User enter number of days organisms will multiply10
   User enter average daily population increase in positive number -90
User please enter a positive number 90
Day Size of Population
   Day 1
                       15200
   Day 2
                       28880
   Day 3
                      54872
   Day 4
                      104257
   Day 5
                      198088
   Day 6
                      376367
   Day 7
                      715097
   Day 8
                1.35868e+06
   Day 9
                 2.5815e+06
   RUN SUCCESSFUL (total time: 25s)
```