x0
 2

 x1
 2.3

 um_segmentos
 3

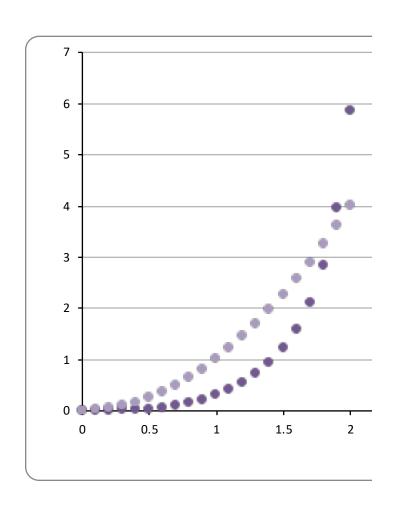
h 0.1 y' = 6x-y

| | | 1 1 | | |
|-----|--------|-------------|--|--|
| Х | у | f(xi) | | |
| | euler | | | |
| 0 | 0 | 0 | | |
| 0.1 | 0 | 0.01 | | |
| 0.2 | 0.001 | 0.040001 | | |
| 0.3 | 0.005 | 0.090025001 | | |
| 0.4 | 0.014 | 0.160196073 | | |
| 0.5 | 0.03 | 0.250901333 | | |
| 0.6 | 0.0551 | 0.36303737 | | |
| 0.7 | 0.0914 | 0.498356899 | | |
| 0.8 | 0.1413 | 0.659952062 | | |
| 0.9 | 0.2072 | 0.852951308 | | |
| 1 | 0.2925 | 1.085580883 | | |
| 1.1 | 0.4011 | 1.370881365 | | |
| 1.2 | 0.5382 | 1.729646678 | | |
| 1.3 | 0.7112 | 2.195738585 | | |
| 1.4 | 0.9307 | 2.82625248 | | |
| 1.5 | 1.2134 | 3.722223328 | | |
| 1.6 | 1.5856 | 5.074046294 | | |
| 1.7 | 2.093 | 7.27056137 | | |
| 1.8 | 2.82 | 11.19259855 | | |
| 1.9 | 3.9393 | 19.12804555 | | |
| 2 | 5.8521 | 38.24706987 | | |
| | | | | |

$y_{i+1} = y_i + hf(x_i)$

c=0

SOLUCION ANALITICA x^2+c 0 0.01 0.04 0.09 0.16 0.25 0.36 0.49 0.64 0.81 1 1.21 1.44 1.69 1.96 2.25 2.56 2.89 3.24 3.61 4



| | | Serie1 | |
|----|--|--------|--|
| | | Serie2 | |
| | | | |
| | | | |
| 2. | | | |