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| > # R\_Week\_1\_Homework  > # 1 Write a loop the calculates 12 Factorial  > for (i in 1:12)  + {(a=a\*i); print (a)}  [1] 479001600  [1] 958003200  [1] 2874009600  [1] 11496038400  [1] 57480192000  [1] 344881152000  [1] 2.414168e+12  [1] 1.931334e+13  [1] 1.738201e+14  [1] 1.738201e+15  [1] 1.912021e+16  [1] 2.294425e+17  > x=seq(20,50, by = 5)  > x  [1] 20 25 30 35 40 45 50  > #3  > a=1  > b=2  > c=3  > x=1  > #Quadratic equation: ax^2 + bx + c  > y=a\*x^2 +b\*x + c  > y  [1] 6 |
| #3 - As Function with user inputs  > fy=function(a,b,c,x)a\*x^2 +b\*x + c  > fy(3,2,1,5)  #[1] 86 |
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