**NAMA : Abdillah Mufki Auzan Mubin**

**NPM : 40621100046**

**KELAS : A REG B1**

**TUGAS METODE NUMERIK**

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| **CODE PYTHON** |
| import numpy  f = lambda x: numpy.exp(x) - (5\*(x\*\*2))  x, xx = 0.0, 1.0  itemax=100  eps = 1.0e-6  print("|it| x | xx | fx | fxx |")  print("================================")  for n in range(0, itemax):  if abs(f(x)) >= eps:  print('|{:2} | {:=9.5f}|{:=9.5f}|{:=9.5f}{:=9.5f}|'.format(n,x,xx,f(x),f(xx)))  xxx = x - ((f(x) \* (x - xx) )/ (f(x) - f(xx)))  xx = x  x = xxx  print("Akar ditemukan pada x = {:8.6f} ".formaT(XXX)) |