**NAMA : Abdillah Mufki Auzan Mubin**

**NPM : 40621100046**

**KELAS : A REG B1**

**TUGAS METODE NUMERIK**

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| **SCREENSHOT** |
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| **KODE PYTHON** |
| import numpy  f = lambda x: numpy.exp(x)-(5\*(x\*\*2))  a, b =0,3  itemax=100  eps= 1.0e-5  na=a  nb=b  print("|it|a|b|c|fa|fb|fc|")  if f(a)\*f(b) > 0:  print("tidak ada akar")  else:  for n in range(0, itemax):  c = (a+b)/2    if abs(a-b) >= eps:  print(n, a, b, c, f(a), f(b), f(c))  if f(c)\*f(a)<0:  b=c  else:  a=c  print("Akar yang ditemukan pada x = {:8.6f} ".format(c)) |