**JOCOBI 01**

**INPUT:**

def fx(y,z):

return(2+1\*y+3\*z)/2

def fy(x,z):

return (32+3\*x+4\*z)/2

def fz(x,y):

return (9+4\*x-3\*y)/-6

n=int(input("Enter the No. of Iterations="))

x0,y0,z0=0,0,0

for i in range(n):

x=fx(y0,z0)

y=fy(x0,z0)

z=fz(x0,y0)

yo=y

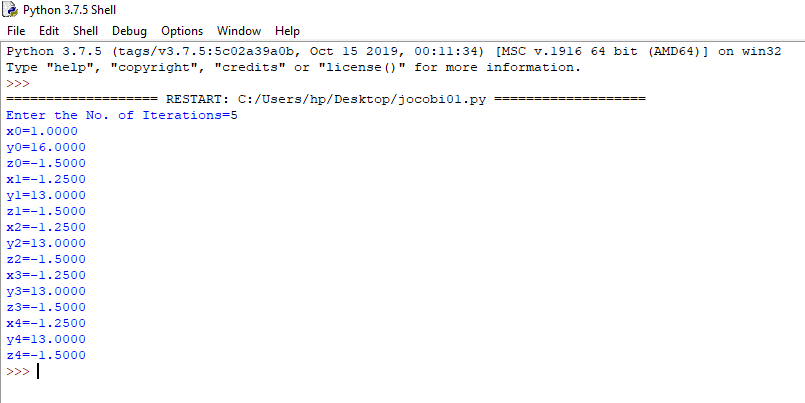
z0=z

print("x%d=%0.4f" %(i,x))

print( "y%d=%0.4f"%(i,y))

print("z%d=%0.4f"%(i,z))

**OUTPUT:**

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