

EE2703 : Applied Programming Lab

Final Exam 2019

Name of the students

Roll number

March 3, 2021

Q1

Input short summary of the question here which includes required **formulas and facts and properties**.

$$V_{n1} - V_{n2} = I_{n1,n2} R_{n1,n2} \quad (1)$$

Multiple equations:

$$f(x) = x^{2-\alpha} \quad (2)$$

$$g(x) = \frac{1}{x} \quad (3)$$

$$F(x) = \int_0^x f(u) du \quad (4)$$

$$f'(x) = \frac{d}{dx} f(x) \quad (5)$$

$$A = \begin{bmatrix} a_{11} & a_{10} \\ a_{01} & a_{00} \end{bmatrix} \quad (6)$$

$$\frac{\partial Q}{\partial t} = \frac{\partial s}{\partial t} \quad (7)$$

To insert equation without numbering.

$$V_{n1} - V_{n2} = L_{n1,n2} \frac{dI_{n1,n2}}{dt}$$

Here are some inline math: $\alpha = \frac{\beta + \Phi(\phi)}{\Theta(\theta)}$

Codes

To insert inline command you can use `print("Hello World")`

To type block of code manually use the following block

```
x = fun1(x1, x2, x3)
z = fun2(z1, z2, z3)
print('x = %d and z = %d' % (x,z))
```

Results

Include all the plots asked in the question here.

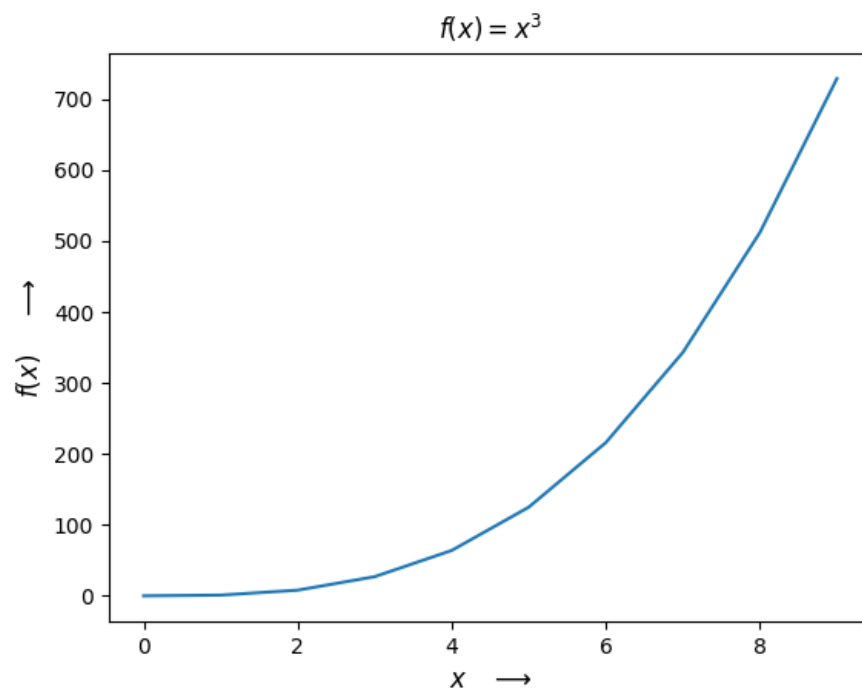


Figure 1: Sample image

Conclusions

Figure 1 is the sample image

Equation 1 is the sample equation

- One
- Two

If you want to number them:

1. One
2. Two