LAB #3: WEB APPLICATION WITH GENIE

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I. INTRODUCTION

In this lab,i createD a basic web application using **Genie framework** in **Julia**. The application will allow us to control the behaviour of a sine wave, given some adjustble parameters



Figure 1: Genie framework

II. EXERCISE

Were going to add two extra sliders that modify the behaviour of the sine wave graph:

- **First** : adding a slide that will modify the Phase Phase ranging between $-\pi$ and π , changes by a step of $\frac{\pi}{100}$

Figure 2: Adding the phase function in julia

Figure 3: Adding slide for phase

- Second: Adding a slide that will modify the offset *Offset* varies from -0.5 to 1, by a step of 0.1.]

Figure 4: Adding the offset function in julia

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Figure 5: Adding slide for offset

III. RESULT

- Before



Figure 6: Before Adding the two slide

- After

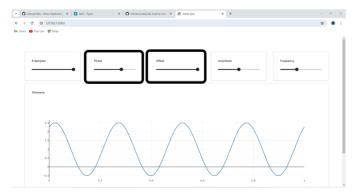


Figure 7: After Adding the two slide

REFERENCES

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