

# OF-1 Report :

## Computational Simulations of a Lid-driven Cavity

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### Contents

<b>1</b>	<b>Introduction</b>	<b>2</b>
<b>2</b>	<b>Nondimensional Navier-Stokes equations</b>	<b>2</b>
<b>3</b>	<b>Flow at <math>Re = 10</math></b>	<b>3</b>
3.1	Plots of Velocity . . . . .	3
3.2	Solution Refinement . . . . .	3
<b>4</b>	<b>Force on the Lid</b>	<b>4</b>
<b>5</b>	<b>Conclusion</b>	<b>4</b>
<b>A</b>	<b>Code</b>	

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- 1 Introduction
- 2 Nondimensional Navier-Stokes equations

### 3 Flow at $\text{Re} = 10$

#### 3.1 Plots of Velocity

#### 3.2 Solution Refinement

**4 Force on the Lid**

**5 Conclusion**

# Appendix

## A Code

PDF of code starts on next page.