**PRACTICAL – 12.1**

**AIM:**

Create an I-OS application to calculate sum of two numbers and gives result in Toast Message.

**PROGRAM CODE:**

import UIKit

class ViewController: UIViewController {

@IBOutlet weak var Number1: UITextField!

@IBOutlet weak var Number2: UITextField!

@IBOutlet weak var Add: UIButton!

override func viewDidLoad() {

super.viewDidLoad()

// Do any additional setup after loading the view.

}

@IBAction func Addclick(\_ sender: Any) {

let a:Int! = Int(Number1.text!)

let b:Int! = Int(Number2.text!)

let c = a + b

//Result.text = String(c)

Toast(String(c))

}

}

extension ViewController

{

func Toast(\_ message:String)

{

var Toastlabel = UILabel(frame: CGRect(x: self.view.frame.width/2-75, y: self.view.frame.height-100, width: 150, height: 40))

Toastlabel.textAlignment = .center

Toastlabel.text = message

Toastlabel.textColor = UIColor.black

Toastlabel.backgroundColor = UIColor.red.withAlphaComponent(0.5)

Toastlabel.alpha = 1.0

self.view.addSubview(Toastlabel)

UIView.animate(withDuration: 3.0, delay: 1.0, options: .curveEaseInOut, animations: {

Toastlabel.alpha = 0.0

}) { (isCompleted) in

Toastlabel.removeFromSuperview()

}

}

}

**OUTPUT:**



