

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:



