**ASSINGNMENT 1**

**MESSAGE PASSING**

**DATE-27TH AUGUST , 2018**

**Problem Statement-There are a lot of Data Structures involved in passing messages from one process in our boat to another You need to devise an efficient implementation to pass message from one process to another in an efficient manner in real time. You are free to use whatever means necessary.**

Initial Approach- After reading the question initially I thought it was a simple case of message passing or rather value passing between two functions as in other programming languages.But unlike other programming languages python does not allow passing by value mechanism. All changes made to a particular variable anywhere originally changes the previous value in the memory address if it is mutable. Ex. Lists . While a string is imutable in python so if the value is changed in the function it will remain changed only inside that function while elsewhere it will hold its original value.

So I am uploading a code which satisfies my current approach.

SUBMITTED BY:

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2nd YEAR

COMPUTER SCIENCE AND ENGINEERING

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY