# *Calculator application using Function Pointers*

Design

**Use case design**
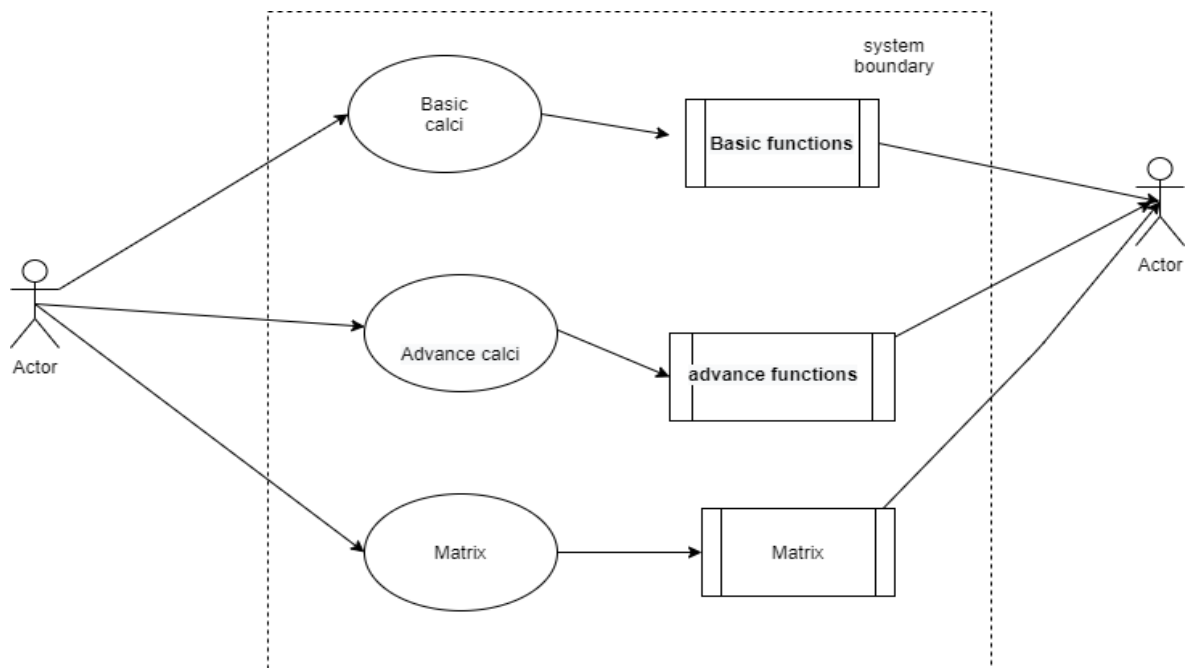


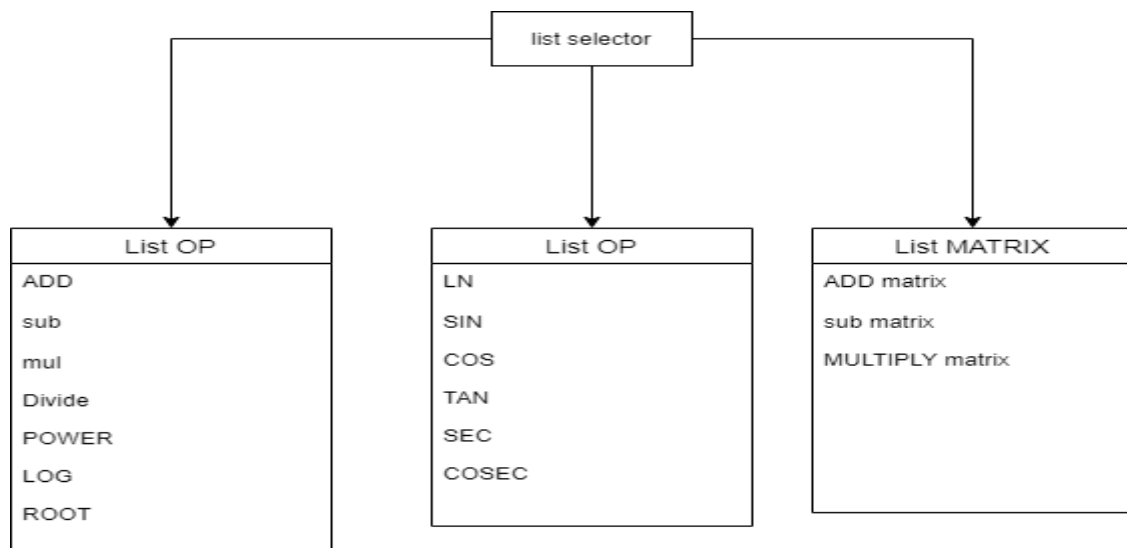**Figure 1 use case diagram**

## Structural diagram



Figure 2 structural diagram
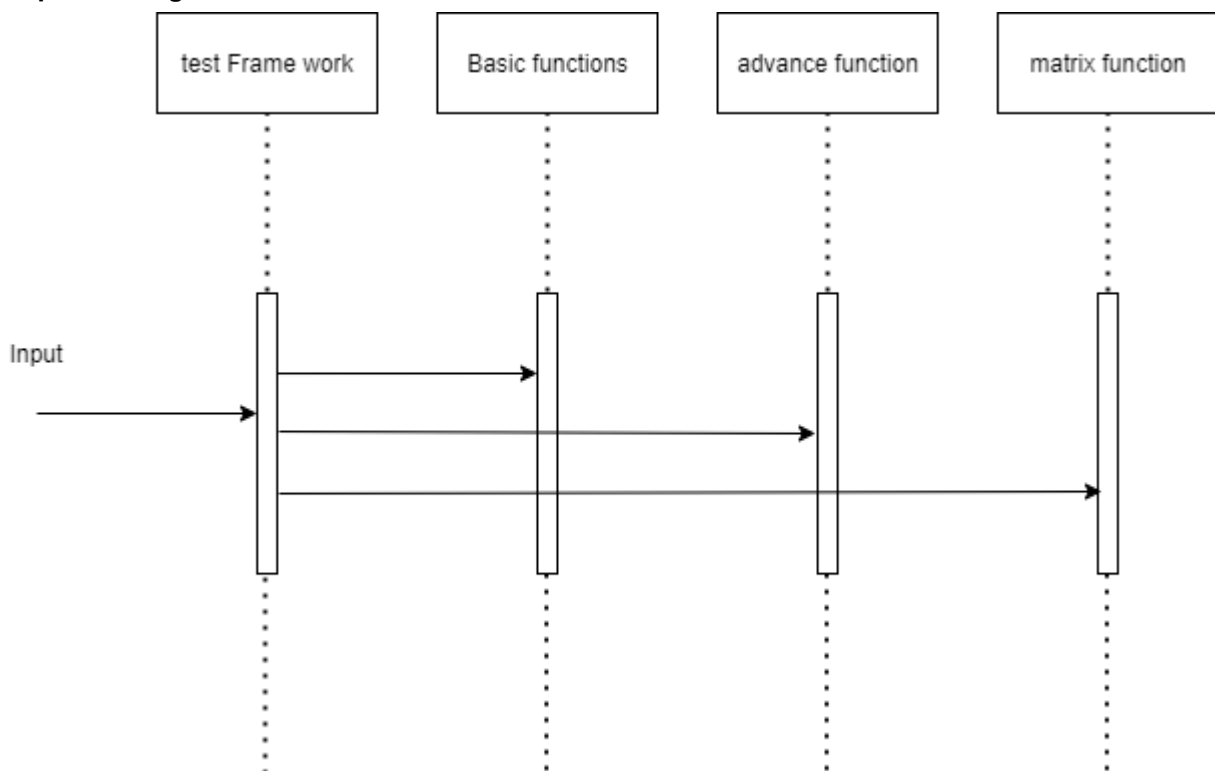
## Sequence diagram



Figure 3 sequence diagram
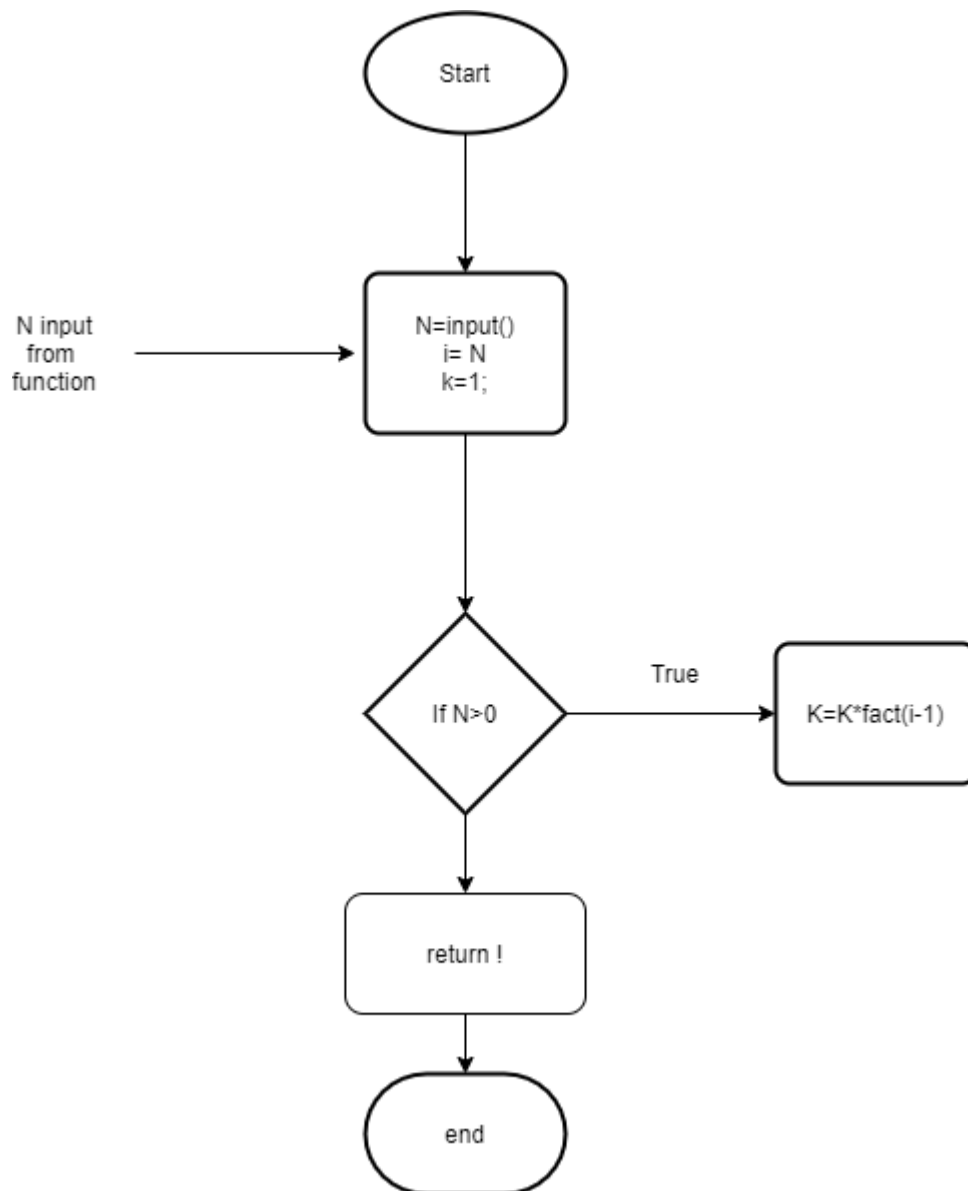
## Flow chart of factorial function

**Figure 4 factorial function**

**Low level structural diagram**

**Start**

Take input for choice

Take input for matrix a

take input for matrix b

matrix function

**Start**

take float input with choice
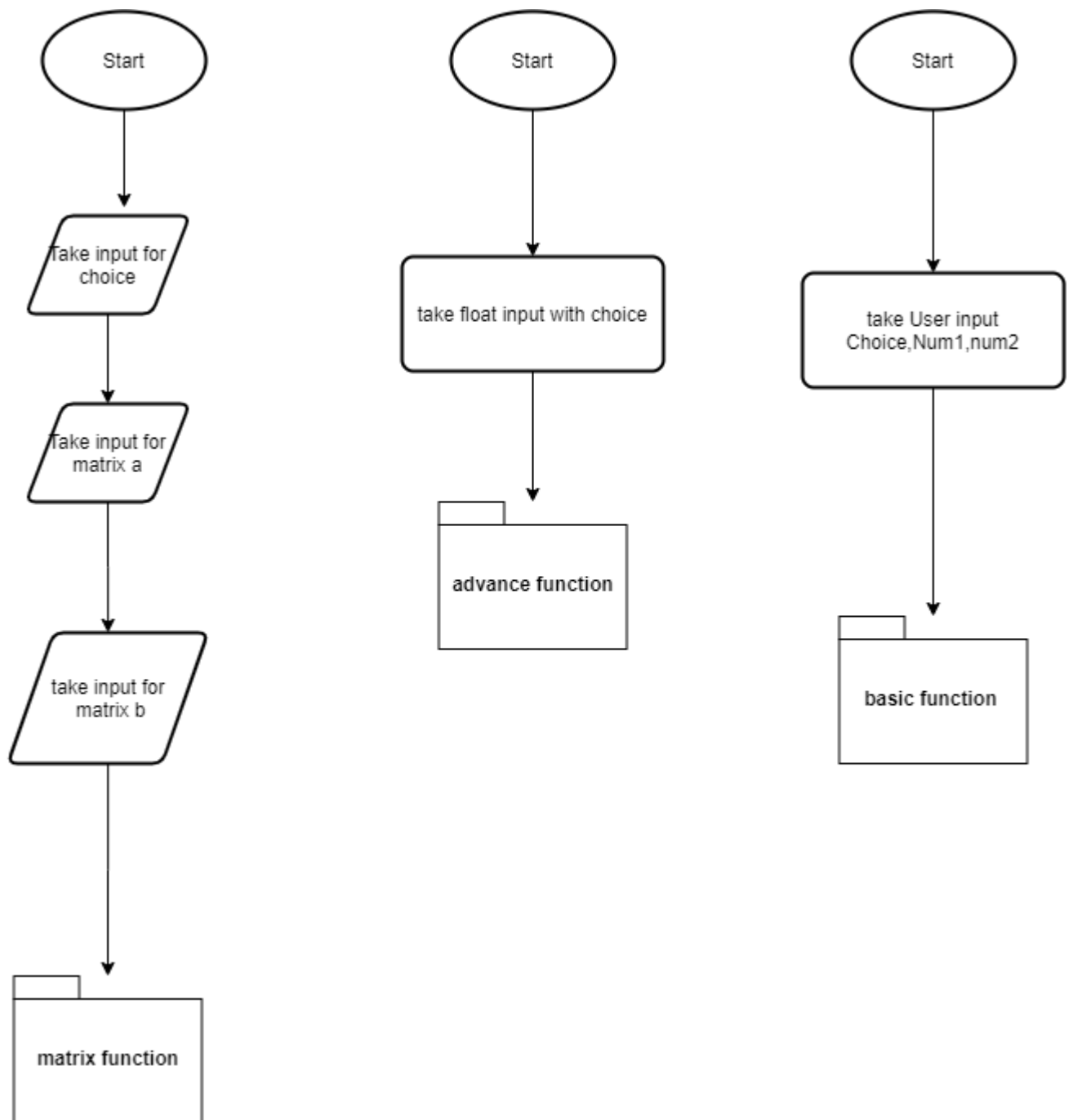
advance function

**Start**

take User input Choice,Num1,num2

basic function

**Figure 5 structural diagram**