

# KONGU ENGINEERING COLLEGE

PERUNDURAI ERODE - 638 060.  
(AUTONOMOUS)

(2)  
K

11.10.17.

a.)

Simple Calculator:

M. Aarthi

14CSR001

14CSLT2 - Mobile

Communication Laboratory

Aim - 10 7

Program - 40 20

Output - 30 20

Viva - 10 6

Result - 10 7

100 60

AIM:

To construct a simple calculator using J2ME.

ALGORITHM:

1.) Start

2.) Import the packages

3.) Initialise the variables that we are used

4.) Add the textfield in the

start App()

5.) Append the textfield with the calculator

6.) Calculate the result for Add, sub, mul, div

7.) The results for calculator will be generated.



Program:

```
import javax.microedition.lcdui.*;
import javax.microedition.midlet.*;
import javax.microedition.rms.*;

public class calc extends MIDlet implements CommandListener {

    Form frm;
    Display display;
    TextField no1, no2;
    Command ne, ne1, ne2, ne3;
    String st;

    public void startApp() {

        frm = new Form("calc");
        no1 = new TextField("FIRST", "", 30, TextField.ANY);
        no2 = new TextField("SECOND", "", 30, TextField.ANY);
        ne = new Command("ADD", Command.OK, 1);
        ne1 = new Command("SUB", Command.OK, 1);
        ne2 = new Command("MUL", Command.OK, 1);
        ne3 = new Command("DIV", Command.OK, 1);

        frm.append(no1);
        frm.append(no2);
        frm.append(ne);
        frm.append(ne1);
        frm.append(ne2);
        frm.append(ne3);

        calc.setCommandListener(this);
        display = Display.getDisplay(this);
    }
}
```



display = ~~display~~ current (frm);

}  
public void dummyApp () { }  
}

public void Boolean (unconditional) { }  
}

public void command listener (command c, Displayable d)  
{

String ll = c.newLabel ();

int one = Integer.parseInt (TextField new string ());

int two = Integer.parseInt (new string ());

if (ll.equals ("ADD"))

{

res = one + two;

}

else if (ll.equals ("SUB"))

{

res = one - two;

}

else if (ll.equals ("MUL"))

{

res = one \* two;

}

else if (ll.equals ("DIV"))

{

res = one / two;

}

display = set command

frm.append (string value of (res));

}



Result:

Thus The ~~these~~ results of simple calculator using of J2ME is implemented successfully.