

MAIN.XML

```
<?xml version="1.0" encoding="utf-8"?>

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

    android:orientation="vertical"

    android:layout_width="fill_parent"

    android:layout_height="fill_parent"

    >

<TextView

    android:layout_width="fill_parent"

    android:layout_height="wrap_content"

    android:text="@string/hello"

    />

<EditText android:layout_width="match_parent" android:layout_height="wrap_content" android:id="@+id/editText1"

android:hint="Enter a number:"></EditText>
```

```
<EditText android:layout_width="match_parent" android:layout_height="wrap_content" android:id="@+id/editText2"
android:hint="Enter a number:"></EditText>

<TextView android:layout_width="wrap_content" android:layout_height="wrap_content" android:id="@+id/textView1"
android:text="TextView"></TextView>

<RadioGroup android:id="@+id/radioGroup1" android:layout_width="wrap_content" android:layout_height="wrap_content">
    <RadioButton android:text="+" android:layout_width="wrap_content" android:id="@+id/radio0"
android:layout_height="wrap_content" android:checked="true"></RadioButton>
    <RadioButton android:text="-" android:layout_width="wrap_content" android:id="@+id/radio1"
android:layout_height="wrap_content"></RadioButton>
    <RadioButton android:text="*" android:layout_width="wrap_content" android:id="@+id/radio2"
android:layout_height="wrap_content"></RadioButton>
    <RadioButton android:text="/" android:layout_width="wrap_content" android:id="@+id/radio3"
android:layout_height="wrap_content"></RadioButton>
</RadioGroup>

<Button android:text="Button" android:id="@+id/button1" android:layout_width="wrap_content"
android:layout_height="wrap_content"></Button>

</LinearLayout>
```

Act.java

```
package com.calculator;
```

```
import android.app.Activity;
```

```
import android.os.Bundle;
```

```
import android.view.View;
```

```
import android.view.View.OnClickListener;
```

```
import android.widget.Button;
```

```
import android.widget.EditText;
```

```
import android.widget.RadioButton;
```

```
import android.widget.TextView;
```

```
public class act extends Activity {
```

```
/** Called when the activity is first created. */

EditText ed1,ed2;

TextView tv1;

RadioButton rb1,rb2,rb3,rb4;

Button b1;

@Override

public void onCreate(Bundle savedInstanceState) {

    super.onCreate(savedInstanceState);

    setContentView(R.layout.main);

    ed1=(EditText)findViewById(R.id.editText1);

    ed2=(EditText)findViewById(R.id.editText2);

    tv1=(TextView)findViewById(R.id.textView1);

    rb1=(RadioButton)findViewById(R.id.radio0);

    rb2=(RadioButton)findViewById(R.id.radio1);

    rb3=(RadioButton)findViewById(R.id.radio2);

    rb4=(RadioButton)findViewById(R.id.radio3);
```

```
b1=(Button)findViewById(R.id.button1);

b1.setOnClickListener(new OnClickListener() {

    @Override

    public void onClick(View arg0) {

        // TODO Auto-generated method stub

        int a,b,c=0;

        a=Integer.parseInt(ed1.getText().toString());

        b=Integer.parseInt(ed2.getText().toString());

        if(rb1.isChecked())

        {

            c=a+b;

        }

        else if(rb2.isChecked())

        {

            c=a-b;

        }

    }

});
```

```
    }  
    else if(rb3.isChecked())  
    {  
        c=a*b;  
    }  
    else  
    {  
        c=a/b;  
    }  
    tv1.setText("Result= "+c);  
}  
});  
  
}  
}
```