1. Pada class MainActivity, buatlah kode berikut:

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| **package** com.example.valueduser.kalkulator;  **import** android.support.v7.app.AppCompatActivity; **import** android.os.Bundle; **import** android.view.View; **import** android.widget.Button; **import** android.widget.Switch; **import** android.widget.TextView; **import** org.w3c.dom.Text; **import** java.io.IOError; **import** java.io.IOException;  **public class** MainActivity **extends** AppCompatActivity{  **private** Button **b0**,**b1**,**b2**,**b3**,**b4**,**b5**,**b6**,**b7**,**b8**,**b9**;  **private** Button **btambah**,**bkurang**,**bkali**,**bbagi**,**bhasil**,**bc**,**bCL**;  **private** TextView **txtHasil**;   @Override  **protected void** onCreate(Bundle savedInstanceState) {  **super**.onCreate(savedInstanceState);  setContentView(R.layout.***activity\_main***);  **txtHasil**=(TextView) findViewById(R.id.***editHasil***);  **b0**=(Button)findViewById(R.id.***btn0***);  **b1**=(Button)findViewById(R.id.***btn1***);  **b2**=(Button)findViewById(R.id.***btn2***);  **b3**=(Button)findViewById(R.id.***btn3***);  **b4**=(Button)findViewById(R.id.***btn4***);  **b5**=(Button)findViewById(R.id.***btn5***);  **b6**=(Button)findViewById(R.id.***btn6***);  **b7**=(Button)findViewById(R.id.***btn7***);  **b8**=(Button)findViewById(R.id.***btn8***);  **b9**=(Button)findViewById(R.id.***btn9***);  **bkurang**=(Button)findViewById(R.id.***btnKurang***);  **btambah**=(Button)findViewById(R.id.***btnTambah***);  **bkali**=(Button)findViewById(R.id.***btnKali***);  **bbagi**=(Button)findViewById(R.id.***btnBagi***);  **bc**=(Button)findViewById(R.id.***btnC***);   **b0**.setOnClickListener(**new** View.OnClickListener(){  @Override  **public void** onClick(View v) {  **txtHasil**.setText(**txtHasil**.getText()+**"0"**);  }  });  **b1**.setOnClickListener(**new** View.OnClickListener(){  @Override  **public void** onClick(View v) {  **txtHasil**.setText(**txtHasil**.getText()+**"1"**);  }  });  **b2**.setOnClickListener(**new** View.OnClickListener(){  @Override  **public void** onClick(View v) {  **txtHasil**.setText(**txtHasil**.getText()+**"2"**);  }  });  **b3**.setOnClickListener(**new** View.OnClickListener(){  @Override  **public void** onClick(View v) {  **txtHasil**.setText(**txtHasil**.getText()+**"3"**);  }  });  **b4**.setOnClickListener(**new** View.OnClickListener(){  @Override  **public void** onClick(View v) {  **txtHasil**.setText(**txtHasil**.getText()+**"4"**);  }  });  **b5**.setOnClickListener(**new** View.OnClickListener(){  @Override  **public void** onClick(View v) {  **txtHasil**.setText(**txtHasil**.getText()+**"5"**);  }  });  **b6**.setOnClickListener(**new** View.OnClickListener(){  @Override  **public void** onClick(View v) {  **txtHasil**.setText(**txtHasil**.getText()+**"6"**);  }  });  **b7**.setOnClickListener(**new** View.OnClickListener(){  @Override  **public void** onClick(View v) {  **txtHasil**.setText(**txtHasil**.getText()+**"7"**);  }  });  **b8**.setOnClickListener(**new** View.OnClickListener(){  @Override  **public void** onClick(View v) {  **txtHasil**.setText(**txtHasil**.getText()+**"8"**);  }  });  **b9**.setOnClickListener(**new** View.OnClickListener(){  @Override  **public void** onClick(View v) {  **txtHasil**.setText(**txtHasil**.getText()+**"9"**);  }  });  **bkurang**.setOnClickListener(**new** View.OnClickListener(){  @Override  **public void** onClick(View v) {  **txtHasil**.setText(**txtHasil**.getText()+**"-"**);  }  });  **btambah**.setOnClickListener(**new** View.OnClickListener(){  @Override  **public void** onClick(View v) {  **txtHasil**.setText(**txtHasil**.getText()+**"+"**);  }  });  **bkali**.setOnClickListener(**new** View.OnClickListener(){  @Override  **public void** onClick(View v) {  **txtHasil**.setText(**txtHasil**.getText()+**"\*"**);  }  });  **bbagi**.setOnClickListener(**new** View.OnClickListener(){  @Override  **public void** onClick(View v) {  **txtHasil**.setText(**txtHasil**.getText()+**"/"**);  }  });  **bc**.setOnClickListener(**new** View.OnClickListener(){  @Override  **public void** onClick(View v) {  **txtHasil**.setText(**""**);  }  });   **bhasil** =(Button)findViewById(R.id.***btnHasil***);  **bhasil**.setOnClickListener(**new** View.OnClickListener(){  @Override  **public void** onClick(View v) {  String txtlayar = (String)**txtHasil**.getText().toString();  **int** n=(**int**)txtlayar.length();  String symbol=**""**;  String bantustring=**""**;  **char** symbolsebelumnya=**' '**;  **boolean** cekawal=**true**;  **double** hasil=0.0;  **for**(**int** i=0;i<n;i++){  **if**(txtlayar.charAt(i)==**'\*'**||txtlayar.charAt(i)==**'/'**||txtlayar.charAt(i)==**'+'**||txtlayar.charAt(i)==**'-'**){  **if**(cekawal){  hasil=Double.*parseDouble*(bantustring);  }**else** {  **switch** (symbolsebelumnya){  **case '-'** : hasil = hasil-Double.*parseDouble*(bantustring);**break**;  **case '+'** : hasil = hasil+Double.*parseDouble*(bantustring);**break**;  **case '\*'** : hasil = hasil\*Double.*parseDouble*(bantustring);**break**;  **case '/'** : hasil = hasil/Double.*parseDouble*(bantustring);**break**;  **default**: **break**;  }  }  symbolsebelumnya=txtlayar.charAt(i);  cekawal=**false**;  bantustring=**""**;  }**else** {  bantustring = bantustring + txtlayar.charAt(i);  }  }  **switch** (symbolsebelumnya){  **case '-'** : hasil = hasil-Double.*parseDouble*(bantustring);**break**;  **case '+'** : hasil = hasil+Double.*parseDouble*(bantustring);**break**;  **case '\*'** : hasil = hasil\*Double.*parseDouble*(bantustring);**break**;  **case '/'** : hasil = hasil/Double.*parseDouble*(bantustring);**break**;  **default**: **break**;  }  **txtHasil**.setText(hasil+**""**);  }  });  } } |

1. Setelah selesai menulis kode program, kemudian jalankan pada emulator maka akan menjadi sebagai berikut:

