

ANDROID STUDIO CLASS ÖRNEĞİ

UYGULAMA : Class kullanarak dört işlem yapan uygulama.

CLASS KULLANIM ÖRNEĞİ

1. SAYI :

0

[+]

2. SAYI :

0

[-]

SONUÇ :

0

[x]

[/]

MainActivity.java

```
1 package com.example.class_ornek1;
2
3 import ...
4
10
11 public class MainActivity extends AppCompatActivity {
12
13     @Override
14     protected void onCreate(Bundle savedInstanceState) {
15         super.onCreate(savedInstanceState);
16         setContentView(R.layout.activity_main);
17         matematik mat=new matematik();
18
19         Button b1=(Button) findViewById(R.id.button);
20         Button b2=(Button) findViewById(R.id.button2);
21         Button b3=(Button) findViewById(R.id.button3);
22         Button b4=(Button) findViewById(R.id.button4);
23         EditText t1=(EditText) findViewById(R.id.editTextTextPersonName);
24         EditText t2=(EditText) findViewById(R.id.editTextTextPersonName2);
25         TextView sonuc=(TextView) findViewById(R.id.textView5);
26
```

```
        b1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                int s1=Integer.parseInt(t1.getText().toString());
                int s2=Integer.parseInt(t2.getText().toString());
                sonuc.setText(Integer.toString(mat.topla(s1,s2)));
            }
        });

        b2.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                int s1=Integer.parseInt(t1.getText().toString());
                int s2=Integer.parseInt(t2.getText().toString());
                sonuc.setText(Integer.toString(mat.cikar(s1,s2)));
            }
        });
    }
}
```

```

b3.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {
        int s1=Integer.parseInt(t1.getText().toString());
        int s2=Integer.parseInt(t2.getText().toString());
        sonuc.setText(Integer.toString(mat.carp(s1,s2)));
    }
});

b4.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {
        double s1=Double.parseDouble(t1.getText().toString());
        double s2=Double.parseDouble(t2.getText().toString());
        if (s2!=0) {
            sonuc.setText(Double.toString(mat.bol(s1,s2)));
        } else { sonuc.setText("0 bölme hatası");
        }
    }
});
}
}

```

matematik.java

```

matematik.java x
1  package com.example.class_ornek1;
2
3  public class matematik {
4      public int topla(int a, int b) {
5          return a+b;
6      }
7
8      public int cikar(int a, int b) {
9          return a-b;
10     }
11
12     public int carp(int a, int b) {
13         return a*b;
14     }
15
16     public double bol(double a, double b) {
17         double sonuc=0;
18         if (b!=0) sonuc=a/b;
19         return sonuc;
20     }
21 }

```