

Templates file

Add.html

```
<form action="add">
    Enter value 1 : <input type="text" name = 'num1' placeholder="Enter first
value" style="background-color: rgb(193, 188, 181); color: rgb(240, 5,
25);"><br><br>
    Enter value 2 : <input type="text" name = 'num2' placeholder="Enter second
value" style="background-color: rgb(194, 190, 184); color: rgb(240, 5,
25);"><br><br>
    <input type="submit" value="ADD" style="background-color: rgb(155, 138,
146);">

</form>
```

Divide.html

```
<form action="divide">
    Enter value 1 : <input type="text" name = 'num1' placeholder="Enter first
value"><br><br>
    Enter value 2 : <input type="text" name = 'num2' placeholder="Enter second
value"><br><br>
    <input type="submit" value="DIVIDE">
</form>
```

Multiply.html

```
<form action="multiply">
    Enter value 1 : <input type="text" name = 'num1' placeholder="Enter first
value"><br><br>
    Enter value 2 : <input type="text" name = 'num2' placeholder="Enter second
value"><br><br>
    <input type="submit" value="MULTIPLY">
</form>
```

Subtract.html

```
<form action="subtract">
    Enter value 1 : <input type="text" name = 'num1' placeholder="Enter first
value"><br><br>
    Enter value 2 : <input type="text" name = 'num2' placeholder="Enter second
value"><br><br>
    <input type="submit" value="SUBTRACT">
</form>
```

Index.html

```
<html>
    <head>
```

```

<style>
    a{
        text-align: center;
        font-size: 30px;
    }
    body{
        background-color: bisque;
    }
    heading{
        color: rgb(0, 214, 222);
        background-color: beige;
    }
</style>

</head>

<body>
    <center>
        <div>
            <h1 id="heading">Calculator</h1>
        </div>
        <a href="ahome">ADD</a><br><br>
        <a href="shome">SUBTRACT</a> <br><br>
        <a href="mhome">MULTIPLY</a><br><br>
        <a href="dhome">DIVISION</a><br><br>
    </center>

</body>
</html>

```

Result.html

```

<body>
    <h1>
        Result:{{re}}
    </h1>
</body>

```

Urls.py

```

"""
URL configuration for calculator project.

The `urlpatterns` list routes URLs to views. For more information please see:
    https://docs.djangoproject.com/en/4.2/topics/http/urls/
Examples:
Function views
    1. Add an import:  from my_app import views

```

```

    2. Add a URL to urlpatterns: path('', views.home, name='home')
Class-based views
    1. Add an import: from other_app.views import Home
    2. Add a URL to urlpatterns: path('', Home.as_view(), name='home')
Including another URLconf
    1. Import the include() function: from django.urls import include, path
    2. Add a URL to urlpatterns: path('blog/', include('blog.urls'))
"""
from django.contrib import admin
from django.urls import path
from . import views

urlpatterns = [
    path('admin/', admin.site.urls),
    path('', views.home),
    path('ahome/add/', views.add),
    path('mhome/multiply/', views.multiply),
    path('shome/subtract/', views.subtract),
    path('dhome/divide/', views.divide),

    path('shome/', views.shome),
    path('mhome/', views.mhome),
    path('dhome/', views.dhome),
    path('ahome/', views.ahome),
]

```

Views.py

```

from django.shortcuts import render # render send the data
from django.http import HttpResponse # message send

def home(request):
    return render(request, 'index.html')

def add(request):
    a = request.GET['num1']
    b = request.GET['num2']
    c = int(a) + int(b)

    return render(request, 'result.html', {'re': c})
# -----MULTIPLY -----
def multiply(request):
    a = request.GET['num1']
    b = request.GET['num2']
    c = int(a) * int(b)

    return render(request, 'result.html', {'re': c})

```

```

def mhome(request):
    return render(request, 'multiply.html')

#-----SUBTRACT -----
def subtract(request):
    a = request.GET['num1']
    b = request.GET['num2']
    c = int(a) - int(b)

    return render(request, 'result.html',{'re':c})

def shome(request):
    return render(request, 'subtract.html')

# -----DIVIDE-----
def divide(request):
    a = request.GET['num1']
    b = request.GET['num2']
    c = int(a) / int(b)
    return render(request, 'result.html',{'re':c})
def dhome(request):
    return render(request, 'divide.html')

def ahome(request):
    return render(request, 'add.html')

```