**MainActivity.java**

package com.example.a5q3;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.RadioButton;  
import android.widget.RadioGroup;  
import android.widget.TextView;  
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {  
 RadioGroup radioGroup;  
 EditText editTextInput;  
 Button btnSubmit;  
 TextView textOutput;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);

editTextInput = findViewById(R.id.*editTextInput*);  
 radioGroup = findViewById(R.id.*radioGroup*);  
 btnSubmit = findViewById(R.id.*btnSubmit*);  
 textOutput = findViewById(R.id.*textOutput*);  
 btnSubmit.setOnClickListener(new View.OnClickListener() {

@Override  
 public void onClick(View view) {  
 performOperation();

}

});

}  
 private void performOperation() {  
 int selectedRadioButtonId = radioGroup.getCheckedRadioButtonId();  
 RadioButton selectedRadioButton = findViewById(selectedRadioButtonId);

String inputText = editTextInput.getText().toString();  
 String outputText;

if (selectedRadioButton.getId() == R.id.*radioUppercase*) {  
 outputText = inputText.toUpperCase();  
 } else if (selectedRadioButton.getId() == R.id.*radioLowercase*) {  
 outputText = inputText.toLowerCase();  
 }  
 else if (selectedRadioButton.getId() == R.id.*radioRight5*){  
 int length = inputText.length();  
 outputText = inputText.substring(length - 5) ;  
 }  
 else if (selectedRadioButton.getId() == R.id.*radioLeft5*){  
 int length = inputText.length();  
 outputText = inputText.substring(0,5);  
 }

else  
 {  
 // Handle other cases if needed  
 outputText = "Invalid Operation";  
 }  
 textOutput.setText("Output: " + outputText);  
 }

}