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PRACTICAL: 10

AIM:

Create an application with the help of the database.

CODE:

activity_main.xml:

```
<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.ConstraintLayout</pre>
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout width="match parent"
    android: layout height="match parent"
    tools:context="com.example.admin1.saveandretrive.MainActivity">
    <TextView
        android:layout width="wrap content"
        android:layout height="wrap content"
        android:text="kem cho gujarat"
        app:layout constraintBottom toBottomOf="parent"
        app:layout constraintLeft toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout constraintTop toTopOf="parent" />
</android.support.constraint.ConstraintLayout>
```

MainActivity.java:

```
package com.example.admin1.saveandretrive;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import com.google.firebase.database.DatabaseReference;
import com.google.firebase.database.FirebaseDatabase;

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        FirebaseDatabase database = FirebaseDatabase.getInstance();
        DatabaseReference myRef = database.getReference("message");

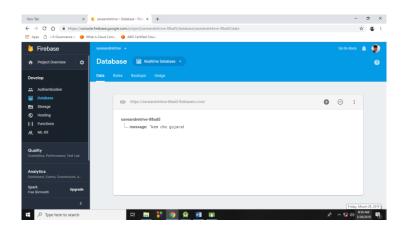
        myRef.setValue("kem cho gujarat");
    }
}
```

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OUTPUT:





CONCLUSION:

We have successfully fetch and retrieve data from database

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