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| Selected photoA picture containing drawing, stop, room  Description automatically generated | Mobile Programming  Practical | | |
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| **Name** | Darshan katkam Shriniwas | **Roll Number** | 21302A0022 |
| **Subject/Course:** | Mobile Programming | | |
| **Topic** | Prompt Function/Alert Dialog | | |
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| Alert Dialog | | | |
| Show the use of Alert Dialog box | | | |
| Main Activity: -  package com.example.myapplication  import androidx.appcompat.app.AppCompatActivity import android.os.Bundle import android.widget.Button import android.widget.Toast  class MainActivity : AppCompatActivity() {  override fun onCreate(savedInstanceState: Bundle?) {  super.onCreate(savedInstanceState)  setContentView(R.layout.*activity\_main*)   val b1=findViewById<Button>(R.id.*b1*) as Button  val b2=findViewById<Button>(R.id.*b2*) as Button   b1?.setOnClickListener**{** val tv=arithmatic\_op(100)  Toast.makeText(this,tv,Toast.*LENGTH\_LONG*).show()  **}** b2?.setOnClickListener**{** Toast.makeText(this,"Even or Odd",Toast.*LENGTH\_LONG*).show()  **}** }  fun arithmatic\_op(num1:Int):String {  if(num1%2==0)  return ("$num1 even")  else  return("Odd")  } }  Xml File: -  *<?*xml version="1.0" encoding="utf-8"*?>* *<*androidx.constraintlayout.widget.ConstraintLayout 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=".MainActivity">   <TextView  android:id="@+id/tv"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="Hello world!"  app:layout\_constraintBottom\_toBottomOf="parent"  app:layout\_constraintEnd\_toEndOf="parent"  app:layout\_constraintHorizontal\_bias="0.523"  app:layout\_constraintStart\_toStartOf="parent"  app:layout\_constraintTop\_toTopOf="parent"  app:layout\_constraintVertical\_bias="0.255" />   <Button  android:id="@+id/b1"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="Even or Odd"  app:layout\_constraintBottom\_toBottomOf="parent"  app:layout\_constraintEnd\_toEndOf="parent"  app:layout\_constraintStart\_toStartOf="parent"  app:layout\_constraintTop\_toTopOf="parent"  app:layout\_constraintVertical\_bias="0.633" />   <Button  android:id="@+id/b2"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="Button"  tools:layout\_editor\_absoluteX="158dp"  tools:layout\_editor\_absoluteY="615dp" />  </androidx.constraintlayout.widget.ConstraintLayout>  Output: -  Selected photo  Selected photo  By using button: -  package com.example.practicalno6  import androidx.appcompat.app.AppCompatActivity import android.os.Bundle import android.widget.Button import android.widget.Toast import androidx.appcompat.app.AlertDialog  class MainActivity : AppCompatActivity() {  override fun onCreate(savedInstanceState: Bundle?) {  super.onCreate(savedInstanceState)  setContentView(R.layout.*activity\_main*)    val b1=findViewById<Button>(R.id.*B1*) as Button  b1?.setOnClickListener**{** hello()   **}** }   fun hello() {  AlertDialog.Builder(this).*apply* **{** setTitle("Please Confirm")  setMessage("Are you sure you want to exit app?")  setPositiveButton("Yes") **{** \_, \_ **->**   **}** setNegativeButton("No") **{** \_, \_ **->**  Toast.makeText(this@MainActivity, "Thank You", Toast.*LENGTH\_LONG*).show()  **}** setCancelable(true)  **}** .create().show()  } }  Xml File: -  *<?*xml version="1.0" encoding="utf-8"*?>* *<*androidx.constraintlayout.widget.ConstraintLayout 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=".MainActivity">   <TextView  android:id="@+id/textView"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="Hello World!"  app:layout\_constraintBottom\_toBottomOf="parent"  app:layout\_constraintEnd\_toEndOf="parent"  app:layout\_constraintStart\_toStartOf="parent"  app:layout\_constraintTop\_toTopOf="parent" />   <Button  android:id="@+id/B1"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_marginStart="166dp"  android:layout\_marginTop="60dp"  android:layout\_marginEnd="166dp"  android:layout\_marginBottom="247dp"  android:text="Button"  app:layout\_constraintBottom\_toBottomOf="parent"  app:layout\_constraintEnd\_toEndOf="parent"  app:layout\_constraintStart\_toStartOf="parent"  app:layout\_constraintTop\_toBottomOf="@+id/textView" />  </androidx.constraintlayout.widget.ConstraintLayout>  Output: -  Selected photo  Selected photo  Selected photo | | | |
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