



**Tilak Education Society's
S.K College of Science & Commerce
(Affiliated to University of Mumbai)**

NAAC Accredited "A" Grade with 3.17 CGPA & ISO 9001:2015 Certified Institution

Plot 31, Sector 25, Seawoods, Nerul (East), Navi Mumbai.400706
Email:skc.nerul@gmail.com Website: www.tilakedu.com

Name of the Student: Kavya Balakrishnan

SRN: 2022010005

Experiment No: 5

Class: TYIT

Practical No: 5

AIM: Programming menus, dialog, dialog fragments

- **Programming menus**

Code:

menu.xml

```
<?xml version="1.0" encoding="utf-8"?>

<menu xmlns:app="http://schemas.android.com/apk/res-auto"
      xmlns:android="http://schemas.android.com/apk/res/android">

    <item
        android:id="@+id/settings"
        android:title="Settings" />

    <item
        android:id="@+id/search"
        android:title="Search" />

    <item
        android:id="@+id/email"
        android:title="Compose Mail" />

    <item
        android:id="@+id/about"
        android:title="About" />

    <item
```



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```
android:id="@+id/feedback"
```

```
android:title="Feedback" />
```

```
</menu>
```

activitymain.xml

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<android.support.constraint.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: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" />
```



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`</android.support.constraint.ConstraintLayout>`

MainActivity.kt

`package com.example.sycsmenu`

`import android.support.v7.app.AppCompatActivity`

`import android.os.Bundle`

`import android.view.Menu`

`import android.view.MenuItem`

`import android.widget.Toast`

`class MainActivity : AppCompatActivity() {`

`override fun onCreate(savedInstanceState: Bundle?) {`

`super.onCreate(savedInstanceState)`

`setContentView(R.layout.activity_main)`

`}`

`override fun onCreateOptionsMenu(menu: Menu?): Boolean {`

`var inflater = menuInflater`

`inflater.inflate(R.menu.menuskc,menu)`

`return true`

`}`



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override fun onOptionsItemSelected(item: MenuItem): Boolean {

when(item!!.itemId){

R.id.settings -> {

Toast.makeText(this, "Settings",

Toast.LENGTH_SHORT).show()

}

R.id.search -> {

Toast.makeText(this, "Search",

Toast.LENGTH_SHORT).show()

}

R.id.email -> {

Toast.makeText(this, "Compose email",

Toast.LENGTH_SHORT).show()

}

R.id.about -> {

Toast.makeText(this, "About",

Toast.LENGTH_SHORT).show()

}

R.id.feedback -> {

Toast.makeText(

this, "Feedback",



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```
Toast.LENGTH_SHORT

).show()

}

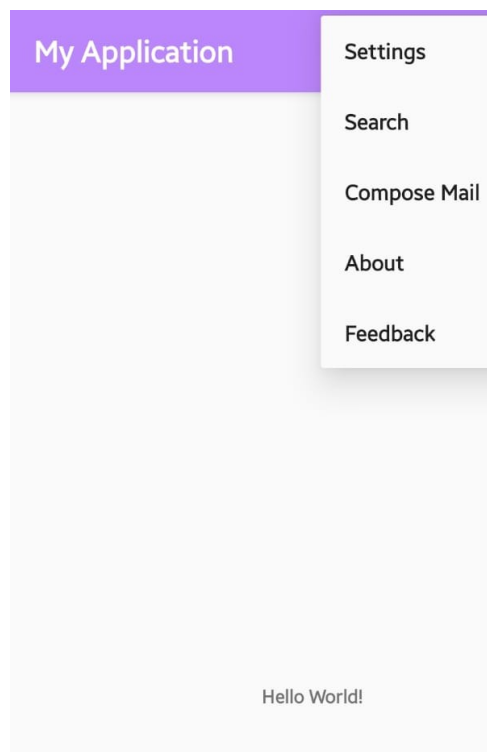
}

return super.onOptionsItemSelected(item)

}

}
```

OUTPUT:





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- dialog, dialog fragments

Code :

Activity_main.xml :

```
<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.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">

    <Button
        android:id="@+id/button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="click button"
        tools:layout_editor_absoluteX="162dp"
        tools:layout_editor_absoluteY="429dp"/>

</android.support.constraint.ConstraintLayout>
```

String.xml :

```
<resources>
    <string name="app_name">My Application</string>

    <string name="button">click button</string>
    <string name="dialogTitle">Delete File</string>
    <string name="dialogMessage">Deleting file may harm your system</string>
</resources>
```



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Class: TYIT

MainActivity.kt :

```
package com.example.myapplication
```

```
import android.support.v7.app.AppCompatActivity
```

```
import android.os.Bundle
```

```
import android.support.v7.app.AlertDialog
```

```
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 button = findViewById<Button>(R.id.button)
```

```
        button.setOnClickListener {
```

```
            val builder = AlertDialog.Builder(this)
```

```
            builder.setMessage(R.string.dialogMessage)
```

```
            builder.setIcon(android.R.drawable.ic_dialog_alert)
```

```
            builder.setPositiveButton("Yes") { dialogInterface, which ->
```

```
                Toast.makeText(applicationContext, "clicked yes", Toast.LENGTH_LONG).show()
```

```
            }
```

```
            builder.setNeutralButton("cancel") { dialogInterface, which ->
```

```
                Toast.makeText(
```

```
                    applicationContext,
```

```
                    "clicked cancel\n operation cancel",
```

```
                    Toast.LENGTH_LONG
```

```
                ).show()
```

```
            }
```

```
            builder.setNegativeButton("No") { dialogInterface, which ->
```

```
                Toast.makeText(
```

```
                    applicationContext,
```

```
                    "clicked no",
```

```
                    Toast.LENGTH_LONG
```



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```
        ).show()
    }
    val alertDialog: AlertDialog = builder.create()
    alertDialog.setCancelable(false)
    alertDialog.show()
}
}
```

OUTPUT:

