```
1: package com.delta.navigation;
 2:
 3: import android.app.Fragment;
 4: import android.os.Bundle;
 5: import android.view.LayoutInflater;
 6: import android.view.MotionEvent;
 7: import android.view.View;
 8: import android.view.ViewGroup;
 9: import android.widget.TextView;
10: import android.widget.Toast;
11:
12: /**
13: * Created by learnovate on 4/11/14.
14: */
15: public class FirstFragment extends Fragment {
16:
17:
        @Override
18:
        public View onCreateView(LayoutInflater inflater, ViewGroup container, Bundle savedInstanceState) {
19:
            View rootView = inflater.inflate(R.layout.first fragment,container,false);
20:
            TextView textView = (TextView) rootView.findViewById(R.id.fragmentName);
21:
            textView.setText("First Fragment");
22:
23:
            return rootView;
24:
25:
26: }
```

```
1: package com.delta.navigation;
 2:
 3: import java.util.Locale;
 4:
 5: import android.app.Activity;
 6: import android.app.ActionBar;
 7: import android.app.Fragment;
 8: import android.app.FragmentManager;
 9: import android.app.FragmentTransaction;
10: import android.support.v13.app.FragmentPagerAdapter;
11: import android.os.Bundle;
12: import android.support.v4.view.ViewPager;
13: import android.view.Gravity;
14: import android.view.LayoutInflater;
15: import android.view.Menu;
16: import android.view.MenuItem;
17: import android.view.View;
18: import android.view.ViewGroup;
19: import android.widget.TextView;
20: import android.widget.Toast;
21:
22:
23: public class NavigationActivity extends Activity implements ActionBar. TabListener {
24:
25:
        private ViewPager viewPager;
26:
        private TabsAdapter tabsAdapter;
27:
        private ActionBar actionBar;
28:
29:
30:
        @Override
31:
        protected void onCreate(Bundle savedInstanceState) {
32:
            super.onCreate(savedInstanceState);
33:
            setContentView(R.layout.activity navigation);
34:
35:
            viewPager = (ViewPager) findViewById(R.id.pager);
36:
            actionBar = getActionBar();
37:
            tabsAdapter = new TabsAdapter(getFragmentManager());
38:
39:
            viewPager.setAdapter(tabsAdapter);
40:
41:
            actionBar.setHomeButtonEnabled(false);
42:
            actionBar.setNavigationMode(ActionBar.NAVIGATION MODE TABS);
43:
44:
            //add the tabs
45:
            for(String tabName : TabsAdapter.getTabNames()){
46:
                ActionBar.Tab aTab = actionBar.newTab()
47:
                                               .setText(tabName)
48:
                                               .setTabListener(this);
```

```
49:
                actionBar.addTab(aTab);
50:
51:
52:
            viewPager.setOnPageChangeListener(new ViewPager.OnPageChangeListener() {
53:
                @Override
54:
                public void onPageScrolled(int position, float positionOffset, int positionOffsetPixels) {
55:
56:
57:
58:
                @Override
59:
                public void onPageSelected(int position) {
60:
                    //set here
61:
                    actionBar.setSelectedNavigationItem(position);
62:
63:
                @Override
64:
65:
                public void onPageScrollStateChanged(int state) {
66:
67:
            });
68:
69:
70:
71:
72:
73:
74:
75:
76:
        @Override
        public boolean onCreateOptionsMenu(Menu menu) {
77:
78:
            // Inflate the menu; this adds items to the action bar if it is present.
79:
            getMenuInflater().inflate(R.menu.navigation, menu);
80:
            return true;
81:
82:
83:
        @Override
84:
        public boolean onOptionsItemSelected(MenuItem item) {
85:
86:
            switch(item.getItemId()){
87:
                case R.id.action_settings:
                    Toast.makeText(this, "Selected Settings", Toast.LENGTH_LONG).show();
88:
89:
                    return true;
90:
                case R.id.action rateup:
91:
                    Toast.makeText(this, "This App Rules!", Toast.LENGTH LONG).show();
92:
                    return true;
93:
                default:
94:
                    return super.onOptionsItemSelected(item);
95:
96:
```

```
97:
 98:
 99:
         @Override
100:
         public void onTabSelected(ActionBar.Tab tab, FragmentTransaction ft) {
101:
102:
             viewPager.setCurrentItem(tab.getPosition());
103:
104:
         @Override
105:
106:
         public void onTabUnselected(ActionBar.Tab tab, FragmentTransaction ft) {
107:
108:
109:
110:
         @Override
         public void onTabReselected(ActionBar.Tab tab, FragmentTransaction ft) {
111:
112:
113:
114: }
```

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 7: import android.view.View;
 8: import android.view.ViewGroup;
 9: import android.widget.TextView;
10: import android.widget.Toast;
11:
12: /**
13: * Created by learnovate on 4/11/14.
14: */
15: public class SecondFragment extends Fragment {
16:
17:
        private TextView coordinateView;
18:
19:
        @Override
20:
        public View onCreateView(LayoutInflater inflater, ViewGroup container, Bundle savedInstanceState) {
21:
            View rootView = inflater.inflate(R.layout.second fragment.container.false);
22:
            TextView textView = (TextView) rootView.findViewById(R.id.fragmentName);
23:
            textView.setText("Second Fragment");
24:
25:
            coordinateView = (TextView) rootView.findViewById(R.id.coordinates);
26:
27:
            rootView.setOnTouchListener(new View.OnTouchListener() {
28:
                @Override
29:
                public boolean onTouch(View v, MotionEvent event) {
30:
31:
                    if(event.getAction() == MotionEvent.ACTION MOVE){
32:
33:
                        String xCoord = String.valueOf(event.getX());
34:
                        String yCoord = String.valueOf(event.getY());
35:
                        coordinateView.setText("Finger X:" + xCoord + " Y:" + yCoord);
36:
37:
                        return true;
38:
39:
40:
41:
                    return true;//must switch to get move events
42:
43:
            });
44:
45:
            return rootView;
46:
47:
48:
```

49: }

```
1: package com.delta.navigation;
 2:
 3: import android.app.Fragment;
 4: import android.app.FragmentManager;
 5: import android.support.v13.app.FragmentPagerAdapter;
 6:
 7: /**
 8: * Created by learnovate on 4/11/14.
10: public class TabsAdapter extends FragmentPagerAdapter {
11:
        public static String[] tabNames = {"First Fragment", "Second Fragment", "Third Fragment"};
12:
13:
14:
        public TabsAdapter(FragmentManager fragmentManager) {
15:
            super(fragmentManager);
16:
17:
18:
        @Override
19:
        public Fragment getItem(int position) {
20:
21:
            switch(position){
22:
                case 0:
23:
                    return new FirstFragment();
24:
                case 1:
25:
                    return new SecondFragment();
26:
                case 2:
27:
                    return new ThirdFragment();
28:
29:
30:
            return null;
31:
32:
33:
        @Override
34:
        public int getCount() {
35:
            return tabNames.length;
36:
37:
38:
        public static String[] getTabNames() {
39:
            return tabNames;
40:
41:
42:
        public static void setTabNames(String[] tabNames) {
43:
            TabsAdapter.tabNames = tabNames;
44:
45: }
```

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 7: import android.view.View;
 8: import android.view.ViewGroup;
 9: import android.widget.TextView;
10: import android.widget.Toast;
11:
12: /**
13: * Created by learnovate on 4/11/14.
14: */
15: public class ThirdFragment extends Fragment {
16:
17:
18:
        @Override
19:
        public View onCreateView(LayoutInflater inflater, ViewGroup container, Bundle savedInstanceState) {
20:
            View rootView = inflater.inflate(R.layout.third_fragment,container,false);
21:
            TextView textView = (TextView) rootView.findViewById(R.id.fragmentName);
22:
            textView.setText("Third Fragment");
23:
24:
            rootView.setOnTouchListener(new View.OnTouchListener() {
25:
                @Override
26:
                public boolean onTouch(View v, MotionEvent event) {
27:
28:
                    if(event.getAction() == MotionEvent.ACTION UP){
29:
                        Toast.makeText(getActivity(), "Finger UP!", Toast.LENGTH_SHORT).show();
30:
                        return true;
31:
32:
33:
                    if(event.getAction() == MotionEvent.ACTION DOWN){
34:
                        Toast.makeText(qetActivity(), "Finger DOWN!", Toast.LENGTH SHORT).show();
35:
                        return true;
36:
37:
38:
                    return false;
39:
40:
            });
41:
42:
            return rootView;
43:
44:
45: }
```

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- 2 navigation/src/main/java/com/delta/navigation/NavigationActivity.java 3 pages 114 lines 14/09/18 23:15:41
- 3 navigation/src/main/java/com/delta/navigation/SecondFragment.java 2 pages 49 lines 14/09/18 23:15:41
- 4 navigation/src/main/java/com/delta/navigation/TabsAdapter.java 1 pages 45 lines 14/09/18 23:15:41
- 5 navigation/src/main/java/com/delta/navigation/ThirdFragment.java 1 pages 45 lines 14/09/18 23:15:41