**package** edu.cnm.deepdive.healthtracker.mainfragments;  
  
**import** android.app.DatePickerDialog;  
**import** android.app.Dialog;  
**import** android.os.Bundle;  
**import** android.support.v4.app.DialogFragment;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.DatePicker;  
**import** java.text.DateFormat;  
**import** java.util.Calendar;  
  
  
*/\*\*  
 \*  
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 \*  
 \*/***public class** DatePickerFragment **extends** DialogFragment **implements** DatePickerDialog.OnDateSetListener {  
  
 **public static final** String ***DATE\_PICKER\_FIELD\_ID*** = **"button\_id"**;  
 **public static final** String ***DATE\_PICKER\_TAG*** = **"date\_picker"**;  
 **private int fieldId**;  
  
 **public** Dialog onCreateDialog(Bundle savedInstanceState) {  
 *//use the current date as the default date* **final** Calendar c = Calendar.*getInstance*();  
 **int** year = c.get(Calendar.***YEAR***);  
 **int** month = c.get(Calendar.***MONTH***);  
 **int** day = c.get(Calendar.***DAY\_OF\_MONTH***);  
 **fieldId** = getArguments().getInt(***DATE\_PICKER\_FIELD\_ID***);  
  
 *//create a new instance of DatePickerDialog and return it* **return new** DatePickerDialog(getActivity(), **this**, year, month, day);  
 }  
  
 @Override  
 **public void** onStart() {  
 **super**.onStart();  
  
 }  
  
  
 @Override  
 **public void** onDateSet(DatePicker view, **int** year, **int** month, **int** day) {  
 Calendar calendar = Calendar.*getInstance*();  
 calendar.set(Calendar.***YEAR***, year);  
 calendar.set(Calendar.***MONTH***, month);  
 calendar.set(Calendar.***DAY\_OF\_MONTH***, day);  
 DateFormat format = DateFormat.*getDateInstance*();  
  
 ((Button) getActivity().findViewById(**fieldId**)).setText(format.format(calendar.getTime()));  
 }  
  
 **public static void** showDialog(AppCompatActivity context, View view) {  
 DatePickerFragment datePickerFragment = **new** DatePickerFragment();  
 Bundle bundle = **new** Bundle();  
 bundle.putInt(DatePickerFragment.***DATE\_PICKER\_FIELD\_ID***, view.getId());  
  
 datePickerFragment.setArguments(bundle);  
 datePickerFragment.show(context.getSupportFragmentManager(), ***DATE\_PICKER\_TAG***);  
 }  
  
}