public class ForgetPassword extends AppCompatActivity {  
  
 String username,qusn1,qusn2;  
 EditText emailInput, sec1, sec2;  
 Button changebutton;  
 FirebaseAuth mAuth;  
 DatabaseReference ref;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_forget\_password*);  
 emailInput = (EditText) findViewById(R.id.*emailInput*);  
 sec1 = (EditText) findViewById(R.id.*sec1*);  
 sec2 = (EditText) findViewById(R.id.*sec2*);  
 changebutton = (Button) findViewById(R.id.*changeButton*);  
 changebutton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 final String email=emailInput.getText().toString();  
 final String security1=sec1.getText().toString();  
 final String security2=sec2.getText().toString();  
  
 if(email.equals("")||security1.equals("")||security2.equals("")){  
 Toast.*makeText*(getApplicationContext(),"Fields are empty",Toast.*LENGTH\_SHORT*).show();  
 }  
  
 else {  
  
 ref = FirebaseDatabase.*getInstance*().getReference().child("Customers");  
 ref.addChildEventListener(new ChildEventListener() {  
 @Override  
 public void onChildAdded(@NonNull DataSnapshot dataSnapshot, @Nullable String s) {  
 for (DataSnapshot dataSnapshot1 : dataSnapshot.getChildren()) {  
 username = dataSnapshot1.getValue().toString();  
 if (username.equals(email)) {  
 String id = dataSnapshot.getKey();  
 ref = FirebaseDatabase.*getInstance*().getReference().child("Customers").child(id);  
 ref.addValueEventListener(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot dataSnapshot) {  
 username = dataSnapshot.child("email").getValue().toString();  
  
 qusn1 = dataSnapshot.child("sec1").getValue().toString();  
  
 qusn2 = dataSnapshot.child("sec2").getValue().toString();  
  
 if (security1.equals(qusn1) && security2.equals(qusn2)) {  
 mAuth.*getInstance*().sendPasswordResetEmail(email).addOnCompleteListener(new OnCompleteListener<Void>() {  
 @Override  
 public void onComplete(@NonNull Task<Void> task) {  
 if (task.isSuccessful()) {  
 Toast.*makeText*(getApplicationContext(), "Password reset link send to your email", Toast.*LENGTH\_SHORT*).show();  
 Intent j = new Intent(ForgetPassword.this, UserLogin.class);  
 startActivity(j);  
 }  
 else{  
 Toast.*makeText*(getApplicationContext(), "Unsuccessful", Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
 });  
 }  
 else {  
 Toast.*makeText*(getApplicationContext(), "Security answers are incorrect", Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError databaseError) {  
  
 }  
 });  
 }  
 }  
 }  
 @Override  
 public void onChildChanged(@NonNull DataSnapshot dataSnapshot, @Nullable String s) {  
 }  
 @Override  
 public void onChildRemoved(@NonNull DataSnapshot dataSnapshot) {  
 }  
 @Override  
 public void onChildMoved(@NonNull DataSnapshot dataSnapshot, @Nullable String s) {  
 }  
 @Override  
 public void onCancelled(@NonNull DatabaseError databaseError) {  
  
 }  
 });  
 }  
  
 }  
 });  
  
  
 }  
}