**Code for passing data between activities in Android :**

**ActivityOne.java**

|  |  |
| --- | --- |
| 1234 | String value = "Hello!";Intent in = new Intent(this,ActivityTwo.class);in.putExtra("Key", value);startActivity(in); |

**ActivityTwo.java**

|  |  |
| --- | --- |
| 12 | Bundle bundle = getIntent().getExtras();String valueReceived = bundle .getString("Key"); |

**Code for passing multiple data or values between activities in Android :**

**Method 1 : Using Intent to pass data and Bundle to extract data between activities in Android**

**ActivityOne.java**

|  |  |
| --- | --- |
| 123456 | String value1 = "Hello!";String value2 = "Hi!";Intent in = new Intent(this,ActivityTwo.class); in.putExtra("Key1", value1); in.putExtra("Key2", value2); startActivity(in);  |

**ActivityTwo.java**

|  |  |
| --- | --- |
| 123 | Bundle bundle = getIntent().getExtras();String valueReceived1 = bundle .getString("Key1");String valueReceived2 = bundle .getString("Key2"); |

**Method 2 : Using Bundle to pass and to extract data between activities in Android**

**ActivityOne.java**

|  |  |
| --- | --- |
| 12345678 | String value1 = "Hello!";String value2 = "Hi!";Intent in = new Intent(this,ActivityTwo.class); Bundle bundle = new Bundle();bundle.putString("Key1", value1);bundle.putString("Key2", value2);in.putExtras(bundle); startActivity(in);  |

**ActivityTwo.java**

|  |  |
| --- | --- |
| 123 | Bundle bundle = getIntent().getExtras();String valueReceived1 = bundle .getString("Key1");String valueReceived2 = bundle .getString("Key2"); |

**Code for passing array between activities in Android :**

**ActivityOne.java**

|  |  |
| --- | --- |
| 123456 | String[] array = new String[]{"Item1", "Item2", "item3", "Item4", "item5"};Intent in = new Intent(this,ActivityTwo.class); Bundle bundle = new Bundle();bundle.putStringArray("MyArray", array);in.putExtras(bundle); startActivity(in);  |

**ActivityTwo.java**

|  |  |
| --- | --- |
| 12 | Bundle bundle = getIntent().getExtras();String arrayReceived[] = bundle.getStringArray("MyArray"); |

**Code for passing ArrayList between activities in Android :**

**ActivityOne.java**

|  |  |
| --- | --- |
| 1234567 | ArrayList<String> array = new ArrayList<String>();array.add("Hello");array.add("Hi");array.add("Bye");Intent intent = new Intent(this, ActivityTwo.class);intent.putExtra("array\_list", array);startActivity(intent); |

**ActivityTwo.java**

|  |  |
| --- | --- |
| 12 | Bundle bundle = getIntent().getExtras();ArrayList<String> array = (ArrayList<String>) bundle.getStringArrayList("array\_list"); |