To Get permission using fine location

<uses-permission android:name="android.permission.ACCESS\_FINE\_LOCATION"/>

To call getLcation() set a onClickListener on a button

To check if location permission has been granted if not request permission

|  |
| --- |
| val REQUEST\_LOCATION\_PERMISSION = 10  private fun getLocation(){  if (ActivityCompat.checkSelfPermission(this, Manifest.permission.*ACCESS\_FINE\_LOCATION*) != PackageManager.*PERMISSION\_GRANTED*){  ActivityCompat.requestPermissions(this, *arrayOf*(Manifest.permission.*ACCESS\_FINE\_LOCATION*), REQUEST\_LOCATION\_PERMISSION)  }  else{  Log.d("MainActivity", "getlocation: permissions granted")  } } |

onRequestPermissionResult to check if the user has denied the permission request or not

|  |
| --- |
| @Override  public void onRequestPermissionsResult(int requestCode,  @NonNull String[] permissions, @NonNull int[] grantResults) {  switch (requestCode) {  case REQUEST\_LOCATION\_PERMISSION:  *// If the permission is granted, get the location,*  *// otherwise, show a Toast*  if (grantResults.length > 0  && grantResults[0] == PackageManager.PERMISSION\_GRANTED) {  getLocation();  } else {  Toast.makeText(this,  R.string.location\_permission\_denied,  Toast.LENGTH\_SHORT).show();  }  break;  }  } |