

TD01

Matière : DEVELOPPEMENT D'APPLICATIONS MOBILES NATIVES

Classe : SEM21

Exercice1 (Sphère)



5554:n1

3G 3:27

 Sphere

Rayon

Aire

Volume

Masse Volumique

Poids

- 1- Donner le type de chaque composant (TextView, EditText, Button),
- 2- Donner le code du fichier strings.xml,
- 3- Donner le code des composants de type EditText et Button du fichier activity_main.xml,
- 4- Donner le code du fichier MainActivity.java.



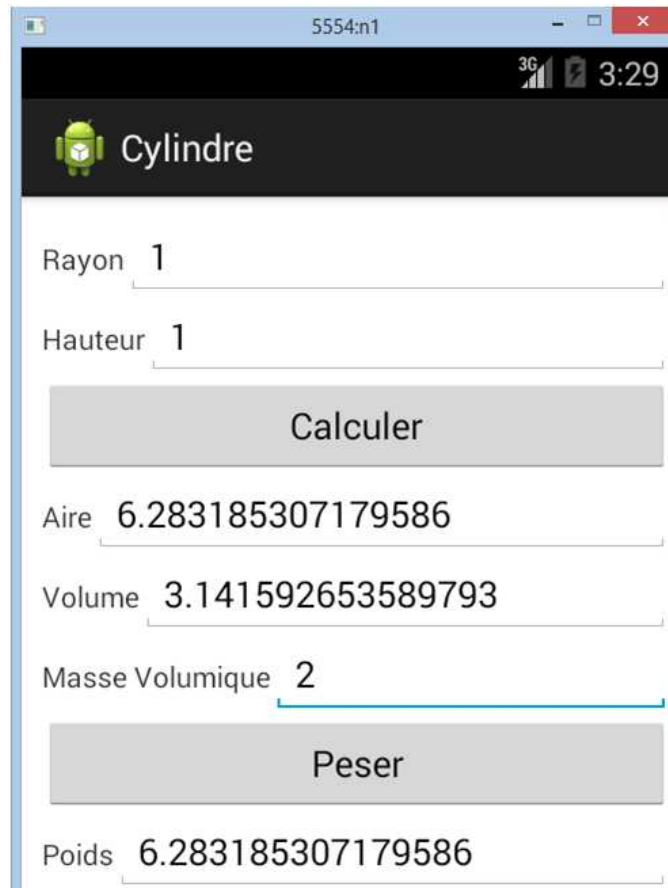
sphère

aire : $A = 4\pi r^2$

volume : $V = \frac{4\pi r^3}{3}$

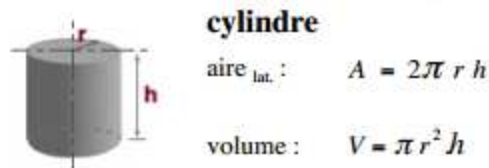
Formules [http://www.utc.fr/~tthomass/Themes/Unites/unites/infos/aires_volumes/Surfaces%20et%20volumes.pdf]

Exercice2(Cylindre)



The screenshot shows an Android application window titled 'Cylindre'. The status bar at the top displays '5554:n1', signal strength, battery level, and the time '3:29'. The app's title bar is black with a green Android icon and the text 'Cylindre'. The main interface has a white background. It contains two input fields: 'Rayon' with the value '1' and 'Hauteur' with the value '1'. Below these is a grey button labeled 'Calculer'. Under the button, there are two more input fields: 'Aire' with the value '6.283185307179586' and 'Volume' with the value '3.141592653589793'. Below these is another grey button labeled 'Peser'. At the bottom, there is an input field for 'Poids' with the value '6.283185307179586'.

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