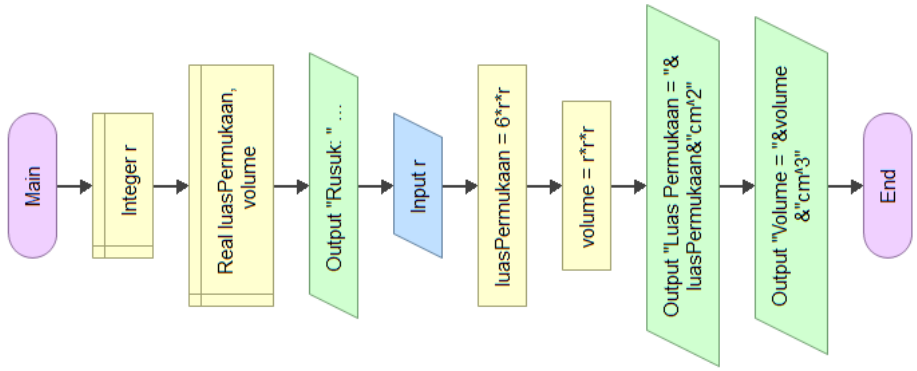
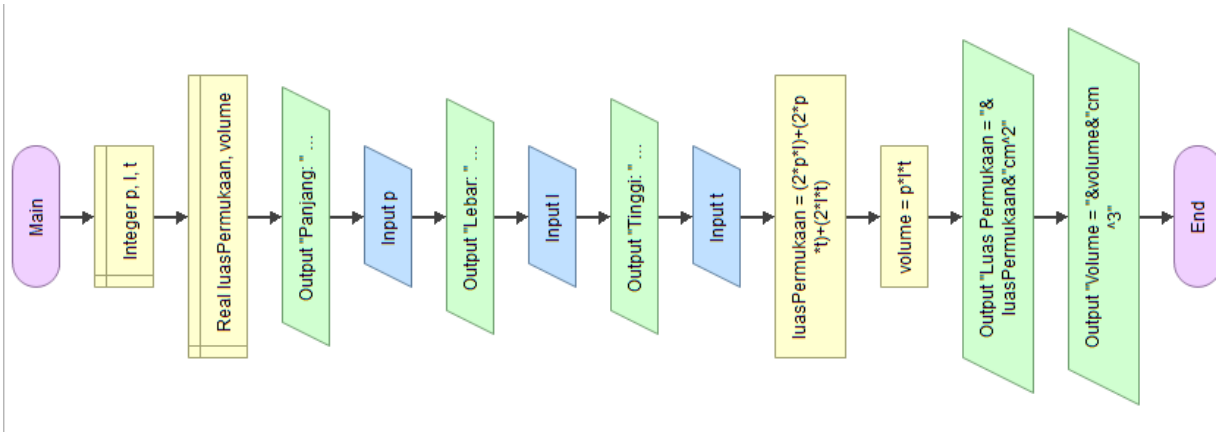
Bangun Ruang

Kubus



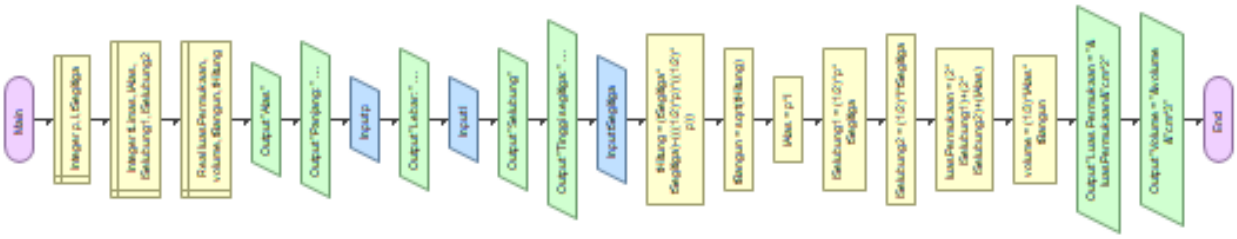

```
print("Rusuk: ", end='', flush=True)
r = int(input())
luasPermukaan = 6 * r * r
volume = r * r * r
print("Luas Permukaan = " + str(luasPermukaan) + "cm^2")
print("Volume = " + str(volume) + "cm^3")
```

Balok



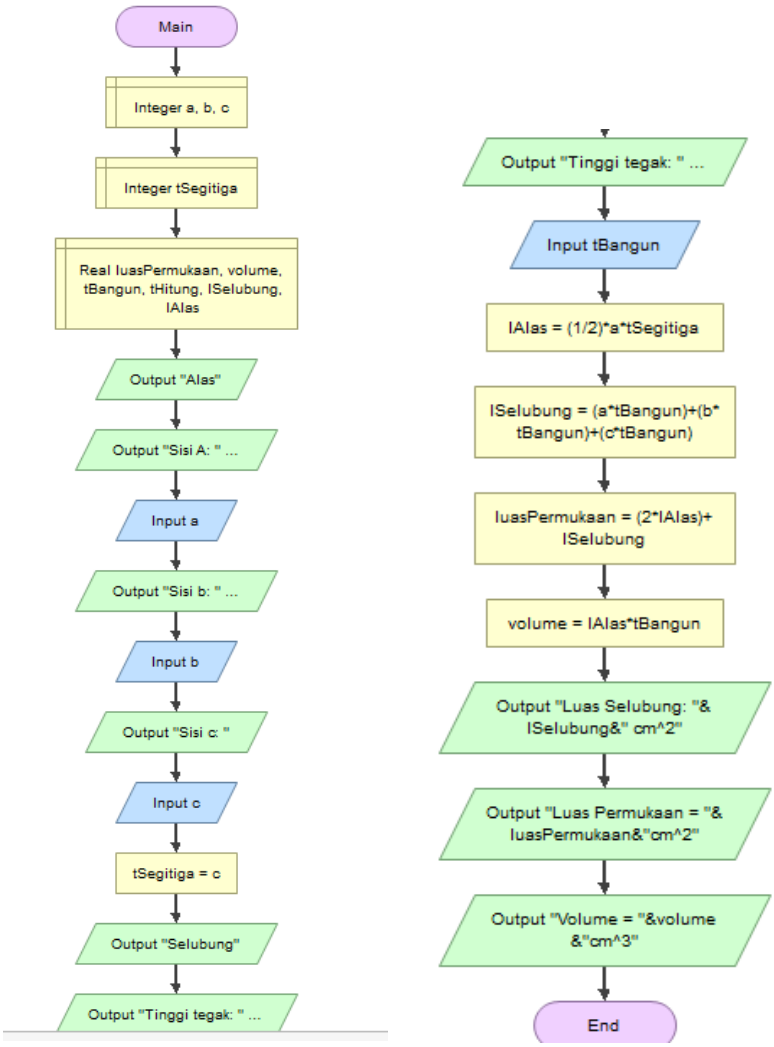

```
print("Panjang: ", end='', flush=True)
p = int(input())
print("Lebar: ", end='', flush=True)
l = int(input())
print("Tinggi: ", end='', flush=True)
t = int(input())
luasPermukaan = 2 * p * l + 2 * p * t + 2 * l * t
volume = p * l * t
print("Luas Permukaan = " + str(luasPermukaan) + "cm^2")
print("Volume = " + str(volume) + "cm^3")
```

Limas Segiempat



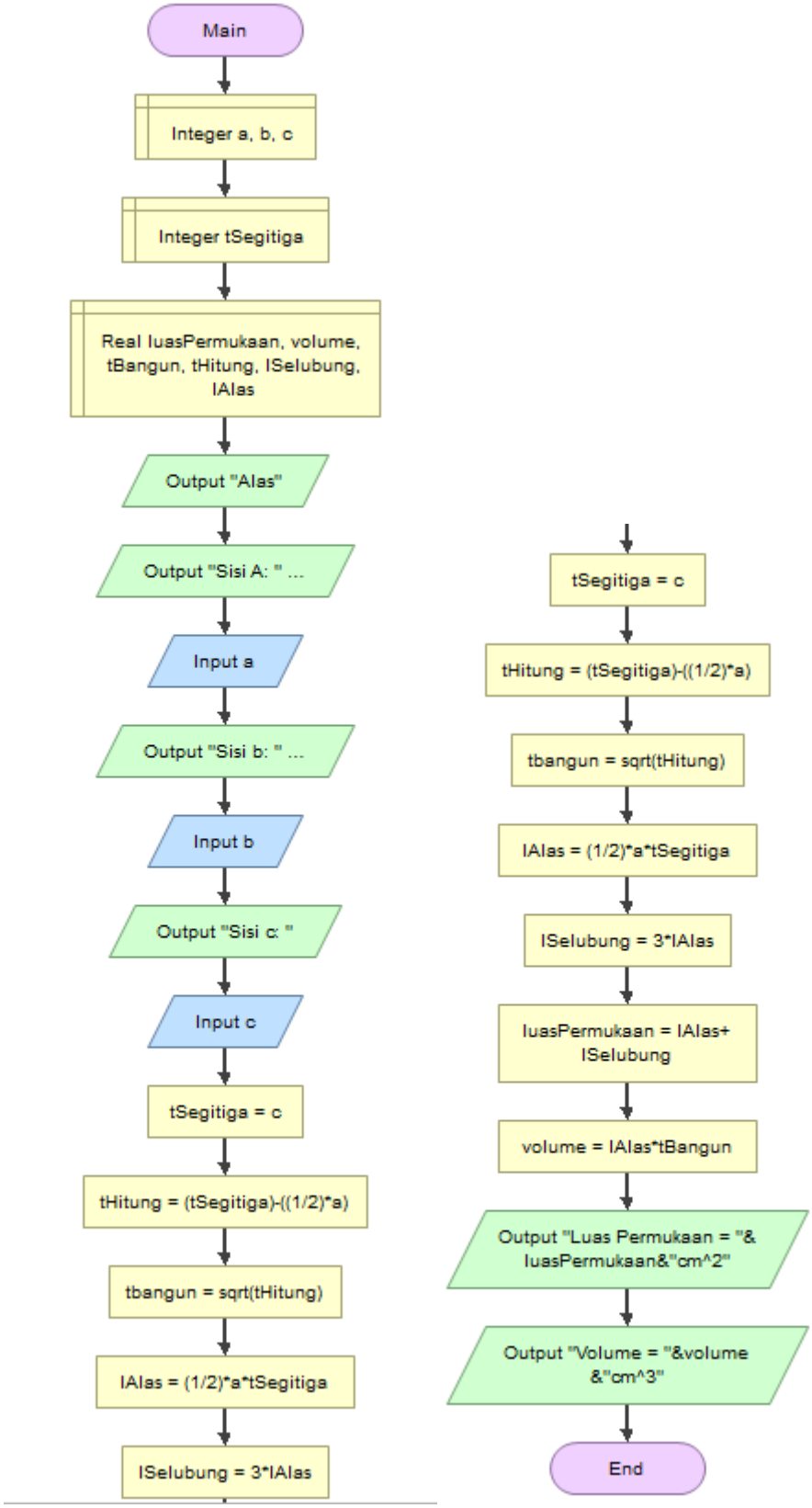
```
import math

print("Alas")
print("Panjang: ", end='', flush=True)
p = int(input())
print("Lebar: ", end='', flush=True)
l = int(input())
print("Selubung")
print("Tinggi segitiga: ", end='', flush=True)
tSegitiga = int(input())
tHitung = tSegitiga * tSegitiga - float(1) / 2 * p * (float(1) / 2 * p)
tBangun = (math.sqrt(tHitung))
lAlas = p * l
lSelubung1 = float(1) / 2 * p * tSegitiga
lSelubung2 = float(1) / 2 * l * tSegitiga
luasPermukaan = 2 * lSelubung1 + 2 * lSelubung2 + lAlas
volume = float(1) / 3 * lAlas * tBangun
print("Luas Permukaan = " + str(luasPermukaan) + "cm^2")
print("Volume = " + str(volume) + "cm^3")
```

Prisma Segitiga




```
print("Alas")
print("Sisi A: ", end='', flush=True)
a = int(input())
print("Sisi b: ", end='', flush=True)
b = int(input())
print("Sisi c: ")
c = int(input())
tSegitiga = c
print("Selubung")
print("Tinggi tegak: ", end='', flush=True)
tBangun = float(input())
lAlas = float(1) / 2 * a * tSegitiga
lSelubung = a * tBangun + b * tBangun + c * tBangun
luasPermukaan = 2 * lAlas + lSelubung
volume = lAlas * tBangun
print("Luas Selubung: " + str(lSelubung) + " cm^2")
print("Luas Permukaan = " + str(luasPermukaan) + "cm^2")
print("Volume = " + str(volume) + "cm^3")
```

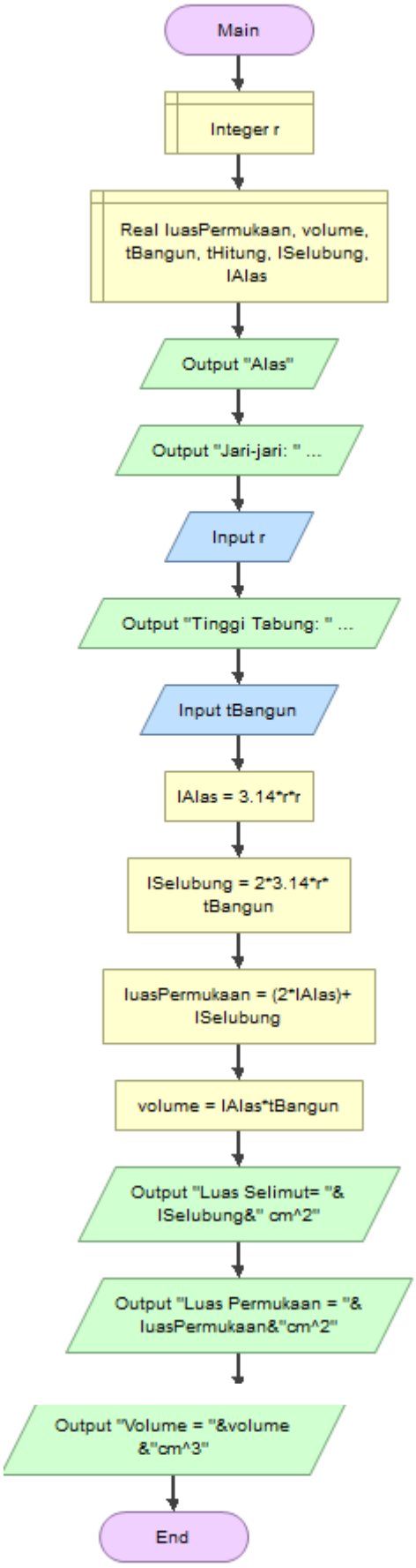
Limas Segitiga




```
import math
```

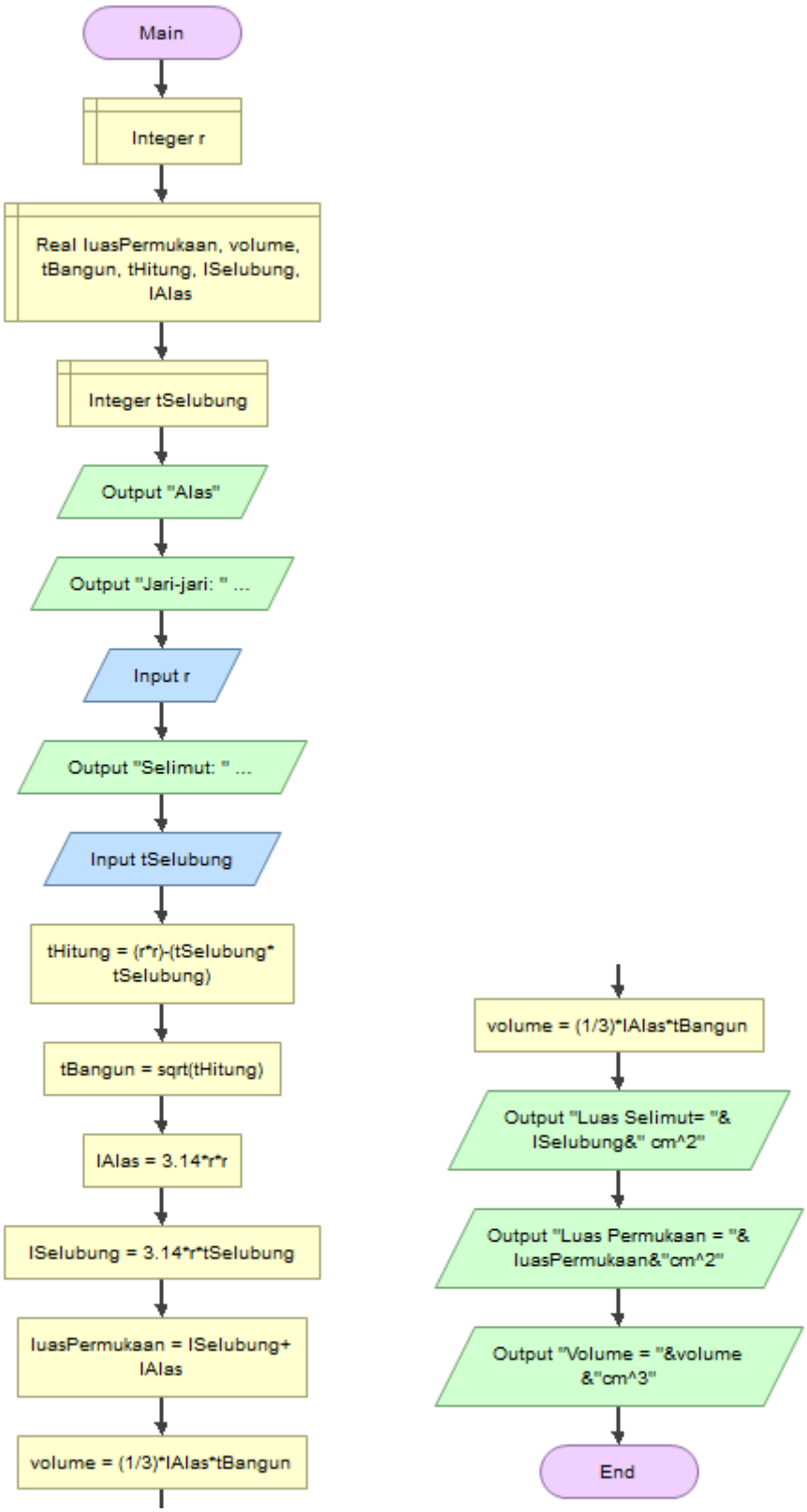
```
print("Alas")
print("Sisi A: ", end='', flush=True)
a = int(input())
print("Sisi b: ", end='', flush=True)
b = int(input())
print("Sisi c: ")
c = int(input())
tSegitiga = c
tHitung = tSegitiga - float(1) / 2 * a
tBangun = math.sqrt(tHitung)
lAlas = float(1) / 2 * a * tSegitiga
lSelubung = 3 * lAlas
luasPermukaan = lAlas + lSelubung
volume = lAlas * tBangun
print("Luas Permukaan = " + str(luasPermukaan) + "cm^2")
print("Volume = " + str(volume) + "cm^3")
```

Tabung


Main
Integer r
Real luasPermukaan, volume, tBangun, tHitung, lSelubung, lAlas
Output "Alas"
Output "Jari-jari: " ...
Input r
Output "Tinggi Tabung: " ...
Input tBangun
lAlas = 3.14*r*r
lSelubung = 2*3.14*r* tBangun
luasPermukaan = (2*lAlas)+ lSelubung
volume = lAlas*tBangun
Output "Luas Selimut= "& lSelubung&" cm^2"
Output "Luas Permukaan = "& luasPermukaan&"cm^2"
Output "Volume = "&volume &"cm^3"
End

```python
print("Alas")
print("Jari-jari: ", end='', flush=True)
r = int(input())
print("Tinggi Tabung: ", end='', flush=True)
tBangun = float(input())
lAlas = 3.14 * r * r
lSelubung = 2 * 3.14 * r * tBangun
luasPermukaan = 2 * lAlas + lSelubung
volume = lAlas * tBangun
print("Luas Selimut= " + str(lSelubung) + " cm^2")
print("Luas Permukaan = " + str(luasPermukaan) + "cm^2")
print("Volume = " + str(volume) + "cm^3")
```

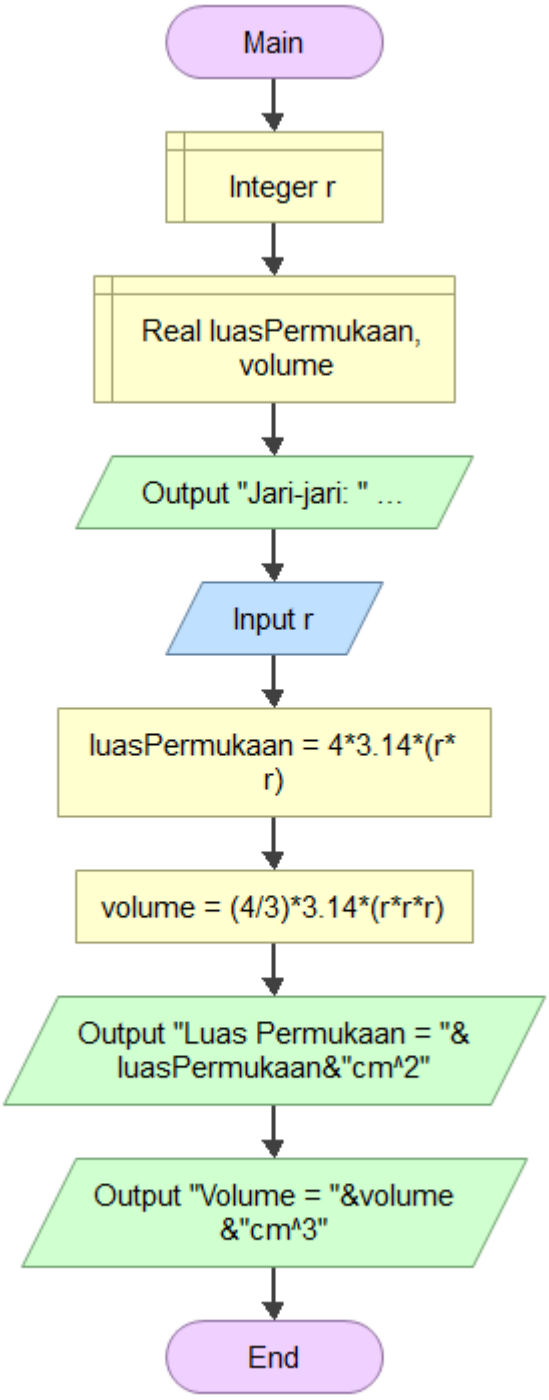
Kerucut




```
import math

print("Alas")
print("Jari-jari: ", end='', flush=True)
```

```
r = int(input())
print("Selimut: ", end='', flush=True)
tSelubung = int(input())
tHitung = r * r - tSelubung * tSelubung
tBangun = math.sqrt(tHitung)
lAlas = 3.14 * r * r
lSelubung = 3.14 * r * tSelubung
luasPermukaan = lSelubung + lAlas
volume = float(1) / 3 * lAlas * tBangun
print("Luas Selimut= " + str(lSelubung) + " cm^2")
print("Luas Permukaan = " + str(luasPermukaan) + "cm^2")
print("Volume = " + str(volume) + "cm^3")
```

Bola




```
print("Jari-jari: ", end='', flush=True)
r = int(input())
luasPermukaan = 4 * 3.14 * (r * r)
volume = float(4) / 3 * 3.14 * (r * r * r)
print("Luas Permukaan = " + str(luasPermukaan) + "cm^2")
print("Volume = " + str(volume) + "cm^3")
```