LEMBAR JAWABAN TUGAS HARIAN PROGRAM STUDI ILMU KOMPUTER UNIVERSITAS DJUANDA		
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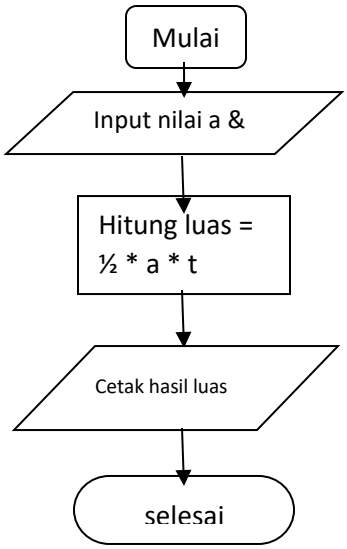
Jawaban :

1-A

1. Luas Segitiga

   Algoritma
   - Masukkan nilai a
   - Masukkan nilai t
   - Hitung Luas = ½ * a * t
   - Cetak Luas

   Flowchart



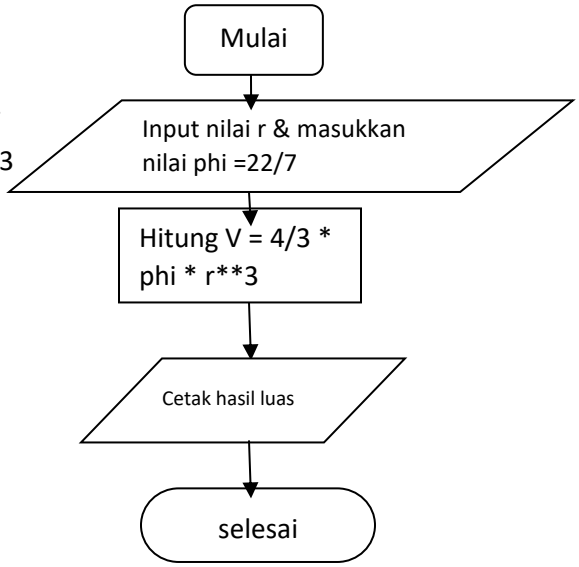

```
a = int(input("Masukkan nilai alas = "))
t = int(input("Masukkan nilai tinggi = "))
Luas = 1/2 * a * t
print ("hasil luas segitiga = ", Luas)
```

2. Volume Bola

Algoritma

- Masukkan nilai r
- Masukkan nilai phi = 22/7
- Hitung V = 4/3 * phi * r**3
- Cetak V

Flowchart



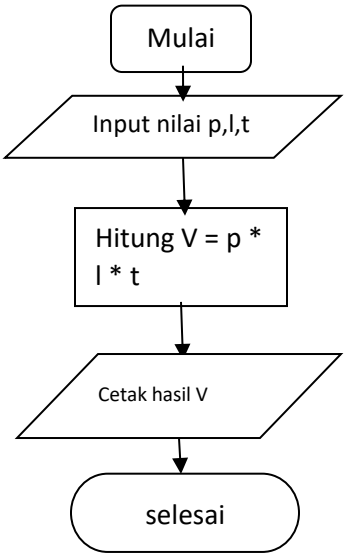

```
r = int(input("Masukkan nilai jari-jari = "))
phi = 22/7
V = 4/3 * phi * r**3
print("Volume Bola = ", V)
```

3. Volume Balok

Algoritma

- Masukkan nilai p
- Masukkan nilai l
- Masukkan nilai t
- Hitung V = p * l * t
- Cetak V

Flowchart




```
p = int(input("Masukkan panjang = "))
l = int(input("Masukkan lebar = "))
t = int(input("Masukkan tinggi = "))
V = p * l * t
print("Volume balok =", V)
```

1-B

Kode Aplikasi IMT

```python
print("\n Selamat Datang di program Indeks Masa Tubuh (IMT)")
print("=================================================================")
print("=================================================================>\n")

BB = int(input("Masukkan berat badan kg : "))
T_B = int(input("Masukkan tinggi badan cm : "))
TB = T_B / 100
IMT = BB / TB**2
print("Indeks Masa Tubuh Kamu = ", IMT)
if IMT < 18.5 :
    print("Status Gizi anda : Underweight")
elif IMT <= 24.99 :
    print("Status Gizi anda : Normal range")
elif IMT <= 29.99 :
    print("Status Gizi anda : Overweight")
elif IMT <= 34.99 :
    print("Status Gizi anda : Obese class 1")
elif IMT <= 39.99 :
    print("Status Gizi anda : Obese class 2")
else :
    print("Status Gizi anda : Obese class 3")
```