

Tugas Rutin Pertemuan 4

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1. Jawaban Soal Pertama

```
Console Terminal x Jobs x
~/Matkul semester 3/ ↗
Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

> 2+3*(5-7^4)
[1] -7186
>
> sqrt(10)
[1] 3.162278
> 1/2*3.14*exp(-1/2*3^2)
[1] 0.01744112
> 7-5/(8-3)^2
[1] 6.8
> |
```

2. Jawaban Soal Kedua

```
> x = c(3,-1,7,10,8,5,4,0,6,-5)
> 2*x
[1] 6 -2 14 20 16 10 8 0 12 -10
> y = c(6,-2,14,20,16,10,8,0,12,-10)
> x+y
[1] 9 -3 21 30 24 15 12 0 18 -15
> z = c(1,2,3,4,5,6,7,8,9,10)
> x/z
[1] 3.0000000 -0.5000000 2.3333333 2.5000000 1.6000000
[6] 0.8333333 0.5714286 0.0000000 0.6666667 -0.5000000
> mean(x)
[1] 3.7
> sum(x)
[1] 37
> median(x)
[1] 4.5
> x^2
[1] 9 1 49 100 64 25 16 0 36 25
> log(z)
[1] 0.0000000 0.6931472 1.0986123 1.3862944 1.6094379
[6] 1.7917595 1.9459101 2.0794415 2.1972246 2.3025851
```

3. Jawaban Soal Ketiga

```
>
> nama="budi"
> mode(nama)
[1] "character"
> nilai=85
> mode(nilai)
[1] "numeric"
> lulus=nilai>56
> mode(lulus)
[1] "logical"
> |
```

4. Jawaban Soal Keempat

```
>
> x[1:8]
[1] 3 -1 7 10 8 5 4 0
> x = c(3,7,10,8,5,4,0)
> w = c(3,7,10,8,5,4)
> x = c(7,8,10)
>
```

5. Jawaban Soal Kelima



