

## Addition

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1 + 1

## Multiplication

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10 \* 10

## helloworld

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```
h<-"Helloworld" print(h)
```

## Objects

---

```
a<-6 a
```

## Print nos from 1:6

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```
die<-1:6 die
```

## mean

---

```
mean(1:6)
```

## round

---

```
round(mean(1:6))
```

sample function sample takes two arguments:

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a vector named x and a number named size.

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sample will return size elements from the vector:

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```
sample(x = 1:4, size =3)
```

```
dice<-sample(die, size = 2) sum(dice)
```

```
x <- 2 #assigns the value '2' to the variable x
```

```
y = 3 #assigns the value '3' to the variable y
```

uses the sum() function to add variables x and y,

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saving the results into variable sumofxy

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```
sumofxy <- sum(x, y)
```

displays value of sumofxy

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```
sumofxy
```

## help on a function

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```
?sum
```

## List objects in current working space

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```
ls()  
rm(x,y)  
sqrt(16)  
seq(1,9,by=2)
```

## generate the sequence

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```
seq(8,20,length=6)  
rep(1:3,6)
```

## vector

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```
d<- c(-1.0,-0.7,0.5,1.5,2) d length(d)
```

## modules

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```
x <- (17 %% 13) x
```

## integer division

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```
x<- 17%/13 x
```