

PARROT - OPERATIONS

http://www.tutorialspoint.com/parrot/parrot_operations.htm

Copyright © tutorialspoint.com

There are a variety of operations you can perform. For instance, we can print out the contents of a register or a constant:

```
set I1, 10
print "The contents of register I1 is: "
print I1
print "\n"
```

The above instructions will result in *The contents of register I1 is: 10*

We can perform mathematical operations on registers:

```
# Add the contents of I2 to the contents of I1
add I1, I1, I2

# Multiply I2 by I4 and store in I3
mul I3, I2, I4

# Increment I1 by one
inc I1

# Decrement N3 by 1.5
dec N3, 1.5
```

We can even perform some simple string manipulation:

```
set S1, "fish"
set S2, "bone"
concat S1, S2      # S1 is now "fishbone"

set S3, "w"
substr S4, S1, 1, 7

concat S3, S4      # S3 is now "wishbone"
length I1, S3     # I1 is now 8
```