

```
Print dest
End
```

The output from Print is:

```
Tuesday;Wednesday;Thursday;
```

### GrepString

The **GrepString** function determines if a particular pattern exists in the input string.

The subject is the input string.

The output is 1 if the input string contains the pattern or 0 if not.

#### GrepString Example

```
Function DemoGrepString()
    String subject = "123.45"
    String regExp = "[0-9]+"           // Match one or more digits
    Print GrepString(subject, regExp)  // True if subject contains digit(s)
End
```

The output from Print is: 1

### SplitString

The **Demo** operation identifies subpatterns in the input string.

The subject is the input string.

Output is stored in one or more string output variables.

#### SplitString Example

```
Function DemoSplitString()
    String subject = "Thursday, May 7, 2009"
    String regExp = "([[:alpha:]]+), ([[:alpha:]]+) ([[:digit:]]+), ([[:digit:]]+)"
    String dayOfWeek, month, dayOfMonth, year
    SplitString /E=(regExp) subject, dayOfWeek, month, dayOfMonth, year
    Print dayOfWeek, month, dayOfMonth, year
End
```

The output from Print is:

```
Thursday May 7 2009
```

## Basic Regular Expressions

Here is a **Grep** command that uses "Fred" as the regular expression. "Fred" contains no metacharacters so this command identifies lines of text containing the literal string "Fred". It examines each line from the input file, afile.txt. All lines containing the pattern "Fred" are written to the output file, "FredFile.txt":

```
Grep/P=myPath/E="Fred" "afile.txt" as "FredFile.txt"
```

Character matching is case-sensitive by default. Prepending the Perl 5 modifier (?i) gives a case-insensitive pattern that matches upper and lower-case versions of "Fred":

```
// Copy lines that contain "Fred", "fred", "FRED", "fRed", etc
Grep/P=myPath/E="( ?i)fred" "afile.txt" as "AnyFredFile.txt"
```

To copy lines that do not match the regular expression, use the Grep /E flag with the optional *reverse* parameter set to 1 to reverse the sense of the match:

```
// Copy lines that do NOT contain "Fred", "fred", "fRed", etc
Grep/P=myPath/E={" (?i)fred", 1} "afile.txt" as "NotFredFile.txt"
```