Ankush Singh
WorkShop_5

Screenshots for w5-Cue

```
C:\Users\singh\WorkShop_5>cue version
cue version v0.5.0

go version go1.19.8
        -compiler gc
        -trimpath true
    CGO_ENABLED 0
        GOARCH amd64
          GOOS windows
       GOAMD64 v1
```

Above screenshot, making sure that we have tool cue.

```
 Directory of C:\Users\singh\WorkShop_5

09/28/2024  11:24 AM    <DIR>          .
09/28/2024  11:20 AM    <DIR>          ..
09/28/2024  11:23 AM               154 check.cue
09/28/2024  11:23 AM               166 sample-check.cue
09/28/2024  11:23 AM                64 sample.yaml
09/28/2024  11:23 AM               111 w5.yaml
               4 File(s)            495 bytes
               2 Dir(s)  176,145,170,432 bytes free

C:\Users\singh\WorkShop_5>cue vet sample.yaml sample-check.cue
lol: conflicting values "15" and number (mismatched types string and number):
    .\sample-check.cue:4:7
    .\sample.yaml:8:7

C:\Users\singh\WorkShop_5>
```

Above screenshot, validating the provided sample.yaml file after validating observed the results and understanding how CUE is detecting rule violations.

```
C:\Users\singh\WorkShop_5>nano sample.yaml
'nano' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\singh\WorkShop_5>notepad sample.yaml

C:\Users\singh\WorkShop_5>notepad sample-check.cue

C:\Users\singh\WorkShop_5>cue vet sample.yaml sample-check.cue

C:\Users\singh\WorkShop_5>
```

Above screenshot, removed the string for (lol: 15) which corrected the error. After fixing the error, successfully passed the files without an error.

Ankush Singh
WorkShop_5

Screenshots for w5-Cue

```
 Directory of C:\Users\singh\WorkShop_5

09/28/2024  11:24 AM    <DIR>            .
09/28/2024  11:20 AM    <DIR>            ..
09/28/2024  11:23 AM              154 check.cue
09/28/2024  11:29 AM              167 sample-check.cue
09/28/2024  11:28 AM               62 sample.yaml
09/28/2024  11:23 AM              111 w5.yaml
               4 File(s)            494 bytes
               2 Dir(s)  176,137,822,208 bytes free

C:\Users\singh\WorkShop_5>cue vet w5.yaml check.cue
max: invalid value 1 (out of bound >5):
    .\check.cue:2:16
    .\w5.yaml:3:7

C:\Users\singh\WorkShop_5>
```

Above screenshot, validating the "w5.yaml" against "check.cue" using the command "cue vet w5.yaml check.cue" and above screenshot also provides the rule of violations in "w5.yaml" file based on the checks which are defined in "check.cue"

```
 Directory of C:\Users\singh\WorkShop_5

09/28/2024  11:24 AM    <DIR>            .
09/28/2024  11:20 AM    <DIR>            ..
09/28/2024  11:23 AM              154 check.cue
09/28/2024  11:29 AM              167 sample-check.cue
09/28/2024  11:28 AM               62 sample.yaml
09/28/2024  11:23 AM              111 w5.yaml
               4 File(s)            494 bytes
               2 Dir(s)  176,137,822,208 bytes free

C:\Users\singh\WorkShop_5>cue vet w5.yaml check.cue
max: invalid value 1 (out of bound >5):
    .\check.cue:2:16
    .\w5.yaml:3:7

C:\Users\singh\WorkShop_5>notepad w5.yaml

C:\Users\singh\WorkShop_5>cue vet w5.yaml check.cue

C:\Users\singh\WorkShop_5>
```

Above screenshot, After fixing the violations in 'w5.yaml" file can see that errors are resolved.