

Exercise 3

- Implement an RPN (Reverse Polish Notation Calculator)
 - When the user enters 'q' the program terminates
 - When the user enters 'n' followed by a number, it is put on the stack
 - When the user enters 'd' the last number is removed from the stack
 - When the user enters '+', '-', '*', '/', the calculator takes the last two numbers from the stack applies the operation to the numbers and puts the result on the stack
 - Use the `std::vector` container and its iterator!

Exercise 3 – An Example (user input in bold)

```
Command: n 2 n 4 n 3
```

```
1: 2
```

```
2: 4
```

```
3: 3
```

```
Command: *
```

```
1: 2
```

```
2: 12
```

```
Command: -
```

```
1: -10
```

```
Command: n 2 /
```

```
1: -5
```

```
Command: d
```

```
Command: q
```