

Junior Developer Assignment (R1):

Create a simple assembly Language which will have 3 operations,

Get a constant into a register of the form

```
MV REG1,#2000
```

```
MV REG2,#4000
```

Add two registers together. Save results in the first register

```
ADD REG1, REG2
```

Add register and constant together. Save results in the first register.

```
ADD REG1,600
```

Show the results of a register

```
SHOW REG
```

The simple java or python program should be able to accept a program containing one or more

MV statements and an ADD statement and print the results of a SHOW REG at the end.

Write java/python code which will parse the SQL statements and either create files or insert into files.

Candidate should be able to submit the assignment and show the solution from his laptop in the next round.

Candidate will be given 1 day since his round post screening and will be interviewed the next day for the solution