## **Assignment No:7**

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Batch: A4

Problem Statement: Design your ALU using CPU simulator for arithmetic operations.

```
### addition.sas_4e570e05be64f02f93i  
#### Edit View

1,4,#FALSE#,#FALSE#,"addition",0,500,0,18,1,6,-1217933896
0,0,0,0,0,0
0
0
0
0
0
0
0,0,"MOV #4, R00",0,0,0,0,#FALSE#
6,0,"MOV #5, R01",0,0,0,0,#FALSE#
12,1,"ADD R01, R00",0,0,0,0,#FALSE#
17,2,"HLT",0,0,0,0,#FALSE#
0
0
0
1
```

## **OUTPUT:**









