

=====Test=====

#first part:

```
1.in $inpr
2.sw $inpr,5($zero)
3.in $outr
4.sw $outr,6($zero)
5.lw $tahsin,5($zero)
6.lw $tanzil,6($zero)
7.add $tahsin,$tanzil,$shanto
8.beq $shanto,$tanzil,3
9.out $shanto
10. j 10
```

#Second Part

```
1.in $t0
2.beq $shanto,$shanto,6
3.sll $shanto,$t0,1
4.out $shanto
```

#Simple Loop Test:

```
for(i=0;i<5;i++){
    res = res + i;
}
#assuming res has 0 initialled
res: 10 -->(0+1+2+3+4)
$tanzil = i
$sheam = 5
$shanto = res
1.add $zero,$zero,$tanzil
2.addi $zero,$sheam,5
3.beq $sheam,$tanzil,3
4.add $shanto,$tanzil,$shanto
5.addi $tanzil,$tanzil,1
6.j 2
7.out $shanto
```