END SEMESTER PRACTICAL EXAM

SYSTEM DESIGN LAB (RLMCA232) (S4MCA)

Divya Mariyam Eldo
S4 MCA
Roll no: 24

read regno.
sum=0;

1. Step 1: read register no

Step 2: Declare sum=0; and num=0; (initialise)

Step 3: for (i=0; i < ${#regno}; i++))

    do

      var = "${ regno : $i :1}"

      if [["$var" =~ ^[0-9]+$]]

      then

        num=$(($num * 10 + $var))

      fi

    done

Step 4: for ((i=1; i < ${#num}; i=i+2))

    do

Step 5: sum=$(($num+ ${ num : $i :1}))

    done

Step 6: echo $num; print sum