**DAY 4**

**CODE:**

#include<stdio.h>

#include<stdlib.h>

#include<math.h>

int divide( int dividend, int divisor){

int n=0;

signed int s=1;

if(dividend<0 ^ divisor<0)

{

s=-1;

}

dividend= abs(dividend);

divisor = abs(divisor);

while(dividend>=divisor)

{

dividend=dividend-divisor;

n++;

}

return n\*s;

}

void main()

{

signed int dd,dv;

printf("\nEnter the dividend: ");

scanf("%d",&dd);

printf("\nEnter the divisor: ");

scanf("%d",&dv);

printf("\nThe quotient is: %d",divide(dd,dv));

}

**OUTPUT:**



