Q. WRITE A PROGRAM TO READ N NUMBERS FORM THE UER UNTIL THE USER ENTERS 0. PRINT THE COUNT ,SUM AND AVERAGE OF ALL THE EVEN AND ODD NUMBERS ENTERED.

A. #include<stdio.h>

int main()

{

int no,esum,osum,ec,oc;

float eavg,oavg;

esum=osum=ec=oc=eavg=oavg=0;

do{

printf("Enter a number:");

scanf("%d",&no);

if(no%2==0&&no!=0)

{

ec++;

esum=esum+no;

}else{

oc++;

osum=osum+no;

}

}while(no!=0);

eavg=(float)esum/ec;

oavg=(float)osum/oc;

printf("\nThe count of even numbers is:%d\n",ec);

printf("The sum of all even numbers is:%d\n",esum);

printf("The average of all even numbers is:%f\n",eavg);

printf("\n\nThe count of odd numbers is:%d\n",oc);

printf("The sum of all odd numbers is:%d\n",osum);

printf("The average of all odd numbers is:%f\n",oavg);

return 0; }

OUTPUT:

