#include<stdio.h>

//A code that checks whether a student has scored above 40

//marks in all subjects to determine if they passed or

//failed, and also calculates the average.

int main(){

int marks[5],flag=0;

float avg=0;

int sum=0;

printf("enter the marks:");

for(int i=0;i<5;i++)

{

while(1){

scanf("%d",&marks[i]);

if(marks[i]>=0 && marks[i]<=100){

break;

}

else{

printf("re enter the value:");

}}

sum+=marks[i];

}

avg=(float)sum/5;

printf("Average:%.2f\n",avg);

for(int i=0;i<5;i++)

{

if(marks[i]<40)

{

flag=1;

break;}}

if(flag==0)

{

printf("Result:passed\n");

}

else{

printf("Result:failed\n");

}

return 0;

}

OUTPUT:



