HW04

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Q1)

#include <stdio.h>

int isPrime(int n){

int i;

for(i=2;2\*i<=n;i++){

if(n%i==0)

return 0;

}

return 1;

}

int slen(char\* str){

int count = 0;

while(str[count] != '\0')

count++;

return count;

}

void reverse(){

int n;

scanf("%d",&n);

if(n>0)

reverse();

printf("%d ",n);

}

int sumdig(int n){

int sum = 0;

while(n > 0){

sum+=n%10;

n/=10;

}

return sum;

}

int main(void) {

printf("%d\n", isPrime(17));

printf("%d\n", slen("Whatever"));

reverse();

puts("");

printf("%d\n", sumdig(628105));

return 0;

}

Q2)

1-

0 5

2-

20

A 40

20

50 1.2340

50