#include <stdio.h>

#include <math.h>

int reverse(int num)

{

int rev = 0;

while (num > 0)

{

rev = rev \* 10 + num % 10;

num /= 10;

}

return rev;

}

int isAdamNumber(int num)

{

int numSquared = num \* num;

int revNum = reverse(num);

int revNumSquared = revNum \* revNum;

int revRevNumSquared = reverse(revNumSquared);

return numSquared == revRevNumSquared;

}

int main() {

int num;

printf("Enter a number: ");

scanf("%d", &num);

if (isAdamNumber(num))

{

printf("%d is an Adam number.\n", num);

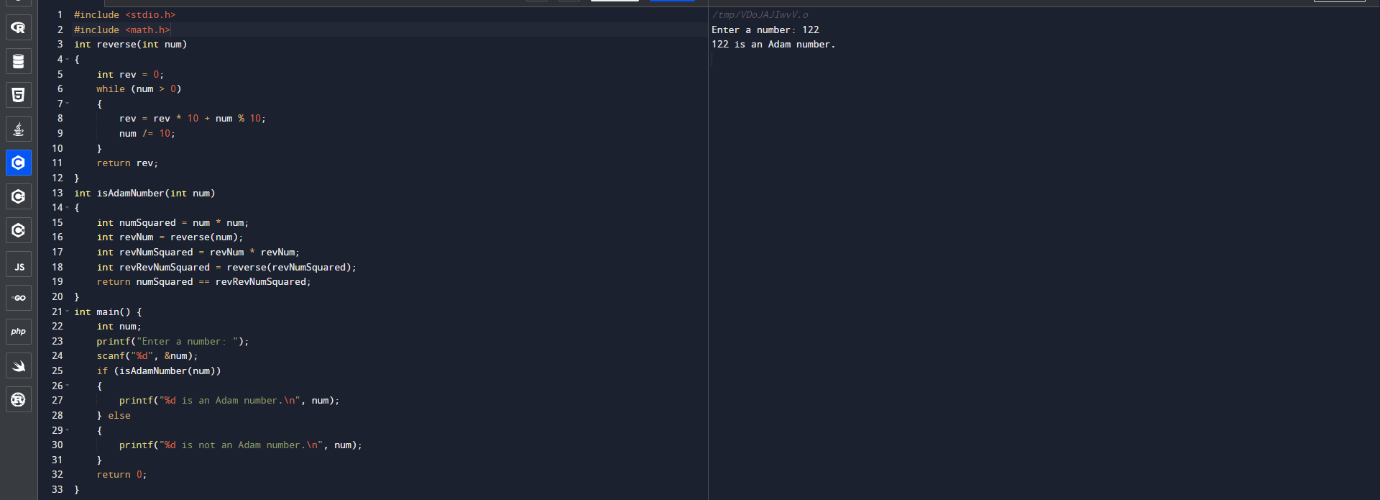
} else

{

printf("%d is not an Adam number.\n", num);

}

return 0;



}