#include<stdio.h>

void main()

{

int c;

c = (float)20/200\*200;

printf("%d",c);

}

#include<stdio.h>

void main()

{

int n;

scanf("%d",&n);

if(n==2 || n==3 || n==7)

printf("prime number");

if ( n%2!=0 && n%3!=0 && n%5!=0 && n%7!=0 )

printf("Prime number");

else

printf("ain't a prime number");

}  
  
  
  
  
  
#include<stdio.h>

void main()

{

int a,b,op;

scanf("%d%d",&a, &b);

scanf("%d",&op);

switch(op)

{

case 1: printf("%d",a+b);break;

case 2: printf("%d",a-b);break;

case 3: printf("%d",a\*b);break;

default: printf("Invalid");

break;

}

}

// print digits and count of a number

#include<stdio.h>

void main()

{

int n;

scanf("%d",&n);

while(n!=0)

{

r=n%10;

printf("%d",r);

n=n/10;

}

}

//Print sum of given number

#include<stdio.h>

void main()

{

int sum=0, n, r;

scanf("%d",&n);

while(n!=0)

{

r = n%10;

sum = sum + r;

n= n/10;

}

printf("%d",sum);

}

//Print armstrong number

#include<stdio.h>

#include<math.h>

void main()

{

int sum=0, n, sum1=0, r, c=0,t;

scanf("%d",&n);

t=n;

while(t!=0)

{

c++;

t=t/10;

}

t=n;

while(t!=0)

{

rem = t%10;

sum = sum + pow(rem,c);

t=t/10;

}

if(n==sum)

printf("armstrong number"));

}

// Print reverse of an entered number

#include<stdio.h>

void main()

{

int n,r,rev=0;

scanf("%d",&n);

while(n!=0)

{

r = n % 10;

rev = rev\*10 +r ;

n = n/10;

}

printf("reverse number is:%d",rev);

}

// check if a number is a palindrome or no

#include<stdio.h>

void main()

{

int n,r,rev=0, original;

scanf("%d",&n);

original=n;

while(n!=0)

{

r = n % 10;

rev = rev\*10 +r ;

n = n/10;

}

if(original==rev)

{

printf("Number is a palindrome");

}

else

printf("Number isn't a palindrome");

}