#include <stdio.h>

void main()

{

int n,r;

scanf("%d",&n);

while(n!=0)

{

r=n%10;

printf("%d",r);

n=n/10;

}

}

o/p:

2968

8692

#include <stdio.h>

void main()

{

int n,r,s=0;

scanf("%d",&n);

while(n!=0)

{

r=n%10;

s=s+r;

n=n/10;

}

printf("%d",s);

}

o/p:

3241

10

#include <stdio.h>

void main()

{

int n,r,s=0;

scanf("%d",&n);

while(n!=0)

{

r=n%10;

s=s\*10+r;

n=n/10;

}

printf("%d",s);

}

o/p:

4831

1384

#include <stdio.h>

void main()

{

int n,r,s=0,i,t;

scanf("%d",&n);

t=n;

while(t!=0)

{

r=t%10;

s=s\*10+r;

t=t/10;

}

if(s==n)

printf("palindrome number");

else

printf("not palindrome number");

}

o/p:

456

not palindrome number

434

palindrome number

#include <stdio.h>

void main()

{

int n,r,s=0,i,t;

scanf("%d",&n);

t=n;

while(t!=0)

{

r=t%10;

s=s+r\*r\*r;

t=t/10;

}

if(s==n)

printf("armstrong number");

else

printf("not armstrong number");

}

o/p:153

armstrong number

143

Not armstrong number

#include <stdio.h>

#include<math.h>

void main()

{

int n,r,s=0,c,t,range;

scanf("%d",&range);

for(n=1;n<=range;n++)

{

t=n;

s=0;

c=0;

while(t!=0)

{

c++;

t=t/10;

}

t=n;

while(t!=0)

{

r=t%10;

s=s+ceil(pow(r,c));

t=t/10;

}

if(s==n)

printf("%d\t",n);

}

}

o/p:

1 2 3 4 5 6 7 8 9 153

#include <stdio.h>

void main()

{

int i,count,n,range,s=0,c=0;

scanf("%d",&range);

for(n=1;n<=range;n++)

{

c=0;

for(i=2;i<=n/2;i++)

{

if(n%i==0)

c++;

}

if(c==0)

{

s=s+n;

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

}

}

printf("\n");

count=printf("%d",s);

printf("%d",count);

}

o/p:2 10

1

2

3

5

7

182

3 4 5 6 7 8 9