# include<stdio.h>

void main()

{

int num,square,temp;

printf("\nenter your number");

scanf("%d",&num);

square=num\*num;

printf("\nsquare number is %d",square);

while(num!=0)

{

num=num/10/100/1000;

num=num\*10/100/1000;

if(square&num==temp)

{

printf("\nnumber is automorphic %d",square);

}

else

{

printf("\nnumber is not automorphic %d",square);

}

}

}