/\*swap without using third variable\*/

#include<stdio.h>

int main()

{

int a,b;

printf("enter the value of a and b\n");

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

a=a+b;

b=a-b;

a=a-b;

printf("the value of a and b :%d\t%d",a,b);

return 0;

}

/\*swap using temp variable\*/

#include<stdio.h>

int main()

{

int a,b,temp;

printf("enter the value of a and b\n");

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

temp=a;

a=b;

b=temp;

printf("the value of a and b :%d\t%d",a,b);

return 0;

}

/\*armstrong no using function without using power\*/

#include<stdio.h>

int armstrong(int x);

int power(int y);

int main()

{

int n,k;

printf("enter the value of n\n");

scanf("%d",&n);

k=armstrong(n);

if(k==n)

printf("armstrong no");

else

printf("not armstrong no");

return 0;

}

int armstrong(int x)

{

int sum=0,rem;

while(x!=0)

{

rem=x%10;

sum=sum+power(rem);

x=x/10;

}

return sum;

}

int power(int y)

{

int c;

c=(y\*y\*y);

return c;

}