Q.1)

number swap without third variable :

#include<stdio.h>

int main(){

int a=20;

int b=10;

printf("the real value of a is :%d\n",a);

printf("the real value of b is :%d\n",b);

a=a+b;

b=a-b;

a=a-b;

printf("the swap value of a is :%d\n",a);

printf("the swap value of b is :%d\n",b);

return 0;

}

Q.2)

swap number with third variable :

#include<stdio.h>

int main(){

int a=20;

int b=10;

int c;

printf("the real value of a is :%d\n",a);

printf("the real value of b is :%d\n",b);

c=a;

a=b;

b=c;

printf("the swap value of a is :%d\n",a);

printf("the swap value of b is :%d\n",b);

return 0;

}