//Swap two numbers using third variable

//Swap two numbers without using third variable

//Check whether user entered alphabet or not.....also check for vowel and consonants

//find largest among three numbers

// whether a number is even or odd

// whether a number is negative or positive

// whether an year is leap year or not

//..................Swap two numbers using third variable

/\*

void main()

{

int a,b,temp;

//take input from user

printf("Enter values of a and b:");

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

//Display values before swapping

printf("....Before swapping......\n");

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

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

//apply logic

temp=a;

a=b;

b=temp;

// Display values after swapping

printf("....After swapping......\n");

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

printf("value of b is: %d",b);

}

\*/

//Swap two numbers without using third variable

/\*

void main()

{

int a,b;

//take input from user

printf("Enter values of a and b:");

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

//Display values before swapping

printf("....Before swapping......\n");

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

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

//apply logic

a=a+b;

b=a-b;

a=a-b;

// Display values after swapping

printf("....After swapping......\n");

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

printf("value of b is: %d",b);

}

\*/

//Check whether user entered alphabet or not.....also check for vowel and consonants

/\*

void main()

{

char ch;

printf("Enter any character:");

scanf("%c",&ch);

if((ch>='A'&&ch<='Z')||(ch>='a'&&ch<='z'))

{

printf("User entered an alphabet\n");

if(ch=='a'||ch=='e'||ch=='i'||ch=='o'||ch=='u'||ch=='A'||ch=='E'||ch=='I'||ch=='O'||ch=='U')

{

printf("Alphabet is a vowel");

}

else

{

printf("Alphabet is a consonant");

}

}

else

{

printf("user did not enter an alphabet");

}

}

\*/

//find largest among three numbers

/\*

void main()

{

int a,b,c;

printf("Enter a,b and c");

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

if(a>b)

{

if(a>c)

{

printf("a is largest");

}

else

{

printf("c is largest");

}

}

if(b>c)

{

printf("b is largest");

}

else

{

printf("c is largest");

}

}

\*/

/\*

void main()

{

int a,b,c;

printf("Enter a,b and c");

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

if((a>b)&&(a>c))

{

printf("a is largest");

}

else if((b>a)&&(b>c))

{

printf("b is largest");

}

else

{

printf("c is largest");

}

}

\*/

/\*

void main()

{

int a,b,c;

printf("Enter a,b and c");

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

if((a>b)&&(a>c))

{

printf("a is largest");

}

if((b>a)&&(b>c))

{

printf("b is largest");

}

if((c>a)&&(c>b))

{

printf("c is largest");

}

}

\*/