

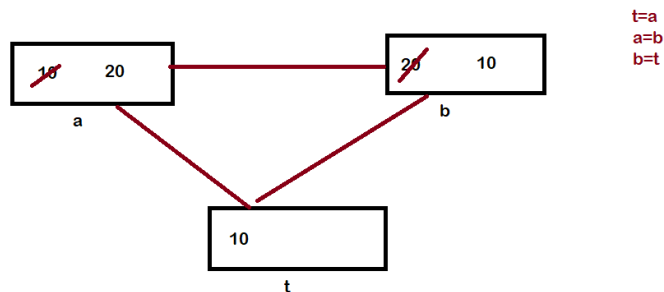
1.WAP to find the area of a circle?

Program (need to check)

```
#define PI 3.14
void main()
{

    float r;
    int a;
    printf("Enter Radius: ");
    scanf("%d",&r);
    a=PI*r*r;
    printf("Area=%f",a);
}
```

2.WAP to Swap two numbers using temporary variable



Program

```
#include<stdio.h>
void main()
{
    int a,b,t;
    printf("Enter two numbers:");
    scanf("%d%d",&a,&b);
    t=a;
    a=b;
    b=t;
    printf("After Swapping a is:%d",a);
    printf("\nAfter Swapping b is:%d",b);

}
```

Output

Enter two numbers:50 100
After Swapping a is:100
After Swapping b is:50

3.WAP to swap two numbers without using temporary variable

Program

```
#include<stdio.h>
void main()
{
    int a,b,t;
    printf("Enter two numbers:");
    scanf("%d%d",&a,&b);
```

```
a=a+b;
b=a-b;
a=a-b;
printf("After Swapping a is:%d",a);
printf("\nAfter Swapping b is:%d",b);

}
```

Output

Enter two numbers:100 200
After Swapping a is:200
After Swapping b is:100

Assignment Operator:

This operator is also called as “=” in this operator RHS value will get copied to LHS

A=10;

Relational Operators:

these relational operators always returns the result either it is true or false(Boolean values) by checking the condition

> ➔ (greater than)

< ➔ (less than)

>= ➔ (greater than equal to)

<= ➔ (less than or equal to)

!= ➔ (not equal to)

Home Work

- ❖ WAP to read a lower-case character and convert it to upper case