Logic Building Assignment : 44

1.Write generic program to multiply two numbers.

```
template<class T>
T Multiply(T no1, T no2)
{
	_____ ans;
	ans = _________;
	return ans;
}
int main()
{
	int iRet = Multiply(10,20);
	printf("%d",iRet);
	float fRet = Multiply(10.0f,20.0f);
	printf("%f",fRet);
	return 0;
}
```

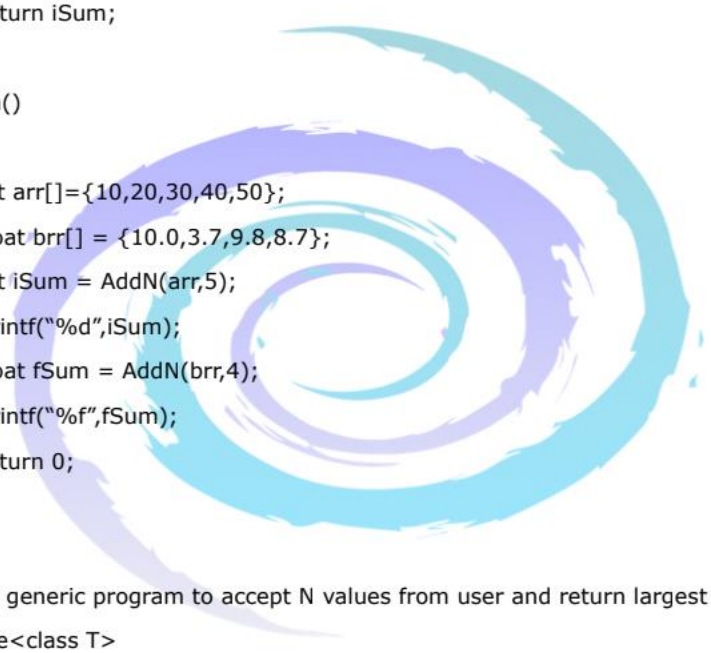
2. Write generic program to find largest number from three numbers.

```
template<class T>
T Max(_________ , _____________ , ___________)
{
	// Logic
}
```

3. Write generic program to accept N values from user and return addition of that values.

```
template<class T>
T AddN(T *arr, int iSize)
{
```

```
        T sum;
        int i = 0;
        // Fileter
        for(i = 0;i<iSize;i++)
        {
                iSum = _____;
        }
        return iSum;
}
int main()
{
        int arr[]={10,20,30,40,50};
        float brr[] = {10.0,3.7,9.8,8.7};
        int iSum = AddN(arr,5);
        printf("%d",iSum);
        float fSum = AddN(brr,4);
        printf("%f",fSum);
        return 0;
}
```



4. Write generic program to accept N values from user and return largest values.

```
template<class T>
T Max(T *arr, int iSize)
{
        // Logic
}
int main()
{
        int arr[]={10,20,30,40,50};
        float brr[] = {10.0,3.7,9.8,8.7};
```

```
        int iRet = Max(arr,5);
        printf("%d",iRet);// 50
        float fRet = Max(brr,4);
        printf("%f",fRet); // 9.8
        return 0;
}
```

5. Write generic program to accept N values from user and return smallest value.

```
template<class T>
T Min(T *arr, int iSize)
{
        // Logic
}
int main()
{
        int arr[]={10,20,30,40,50};
        float brr[] = {10.0,3.7,9.8,8.7};
        int iRet = Min(arr,5);
        printf("%d",iRet);// 10
        float fRet = Min(brr,4);
        printf("%f",fRet); // 10.0
        return 0;
}
```