

## Ellipsis

- Used for defining variable argument functions
- ... is used as symbol of ellipsis
- Printf and scanf of C language are example of ellipsis

```
int sum(int n,...)
{
    va_list list;
    va_start(list,n);

    int x;
    int s=0;
    for(int i=0;i<n;i++)
    {
        x=va_arg(list,int);
        s+=x;
    }
    return s;
}

int main()
{
    cout<<sum(3,10,20,30)<<endl;
    cout<<sum(5,1,2,3,4,5)<<endl;
}
```