**Masterclass 3**

**What is the difference between sum and count?**

SUM is the process of adding of numbers  
  
COUNT is the process of determining the number of appearances of numbers

MC Program 1

for(s=0,i=1,c=0;i<=4, m=0; i++){

m = +prompt("Enter cost of items purchased")

s+=m

if(m==50){

c+=1

}

}

alert("Total Cost: "+s)

alert("Count Of Items: "+c)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| i | +prompt() | s+=i | Price >=50 |  |
| 1 | 40 | s = s + 40 |  |  |
| 2 | 60 | s = s + 60 | c = c + 1 |  |
| 3 | 90 | s = s + 90 | c = c + 1 |  |
| 4 | 20 | s = s + 20 |  |  |
|  |  | Total = 40+60+90+20 = 210 | c = 2 |  |