Pattern Book Week 2

# sum pattern

<type> sum =0;  
<for each item>

{

Sum+= <item>;

}

# output pattern

System.out.println (“<label> “ + <value>);

# read pattern

System.out.print(“<prompt>”);  
<type> <variable> = <read operation>;

OR

System.out.print (“<prompt>”);  
<variable> = <read operation>

# read loop pattern

<read pattern>  
while (<value> != <end value>)  
{  
 <use the value>  
 <read pattern>  
}

# array loop pattern

for (int 1 = 0; 1 < <array>.length; i++)  
{  
 <use the item array [i]>  
}

# count pattern

**Without guard**

Int count = 0;  
<for each item>  
count ++;

**With Guard**int count = 0;  
<for each item>  
if (<guard>)  
count ++;

# max pattern

<type> max = <smallest number>;  
<for each item>  
{  
 if (<item> > max)  
 max = <item>;  
}

# \*min pattern

<type> min= <largest number>;

<for each item>   
{

If (<item> < min)

min= <item> ;

}

# | |