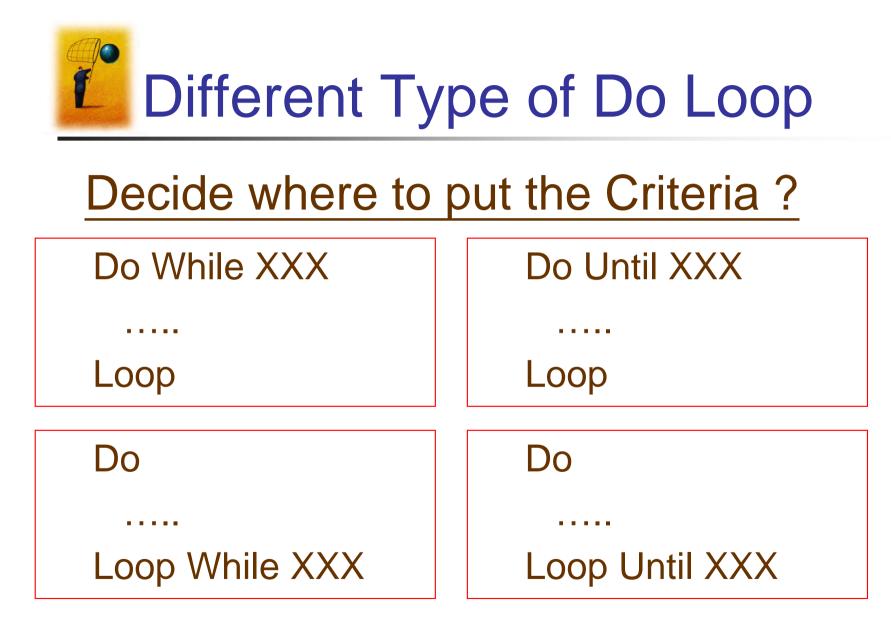
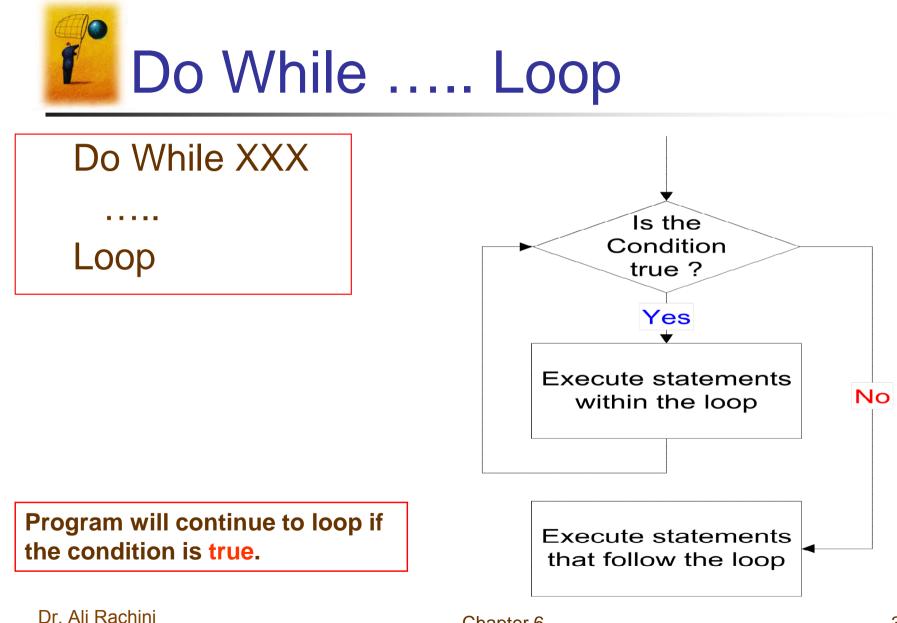


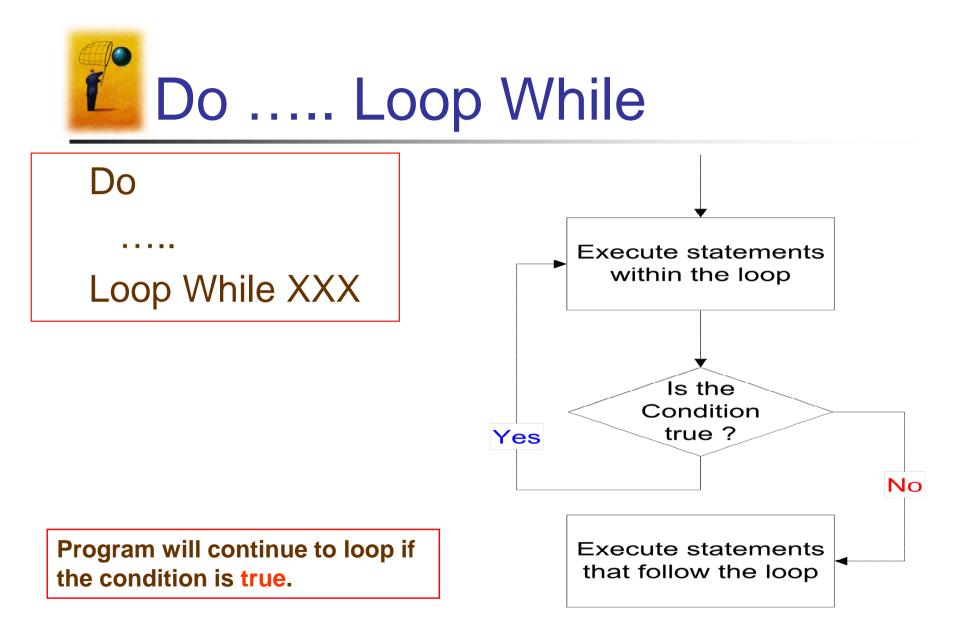
## Write Down "Do" and "Loop"

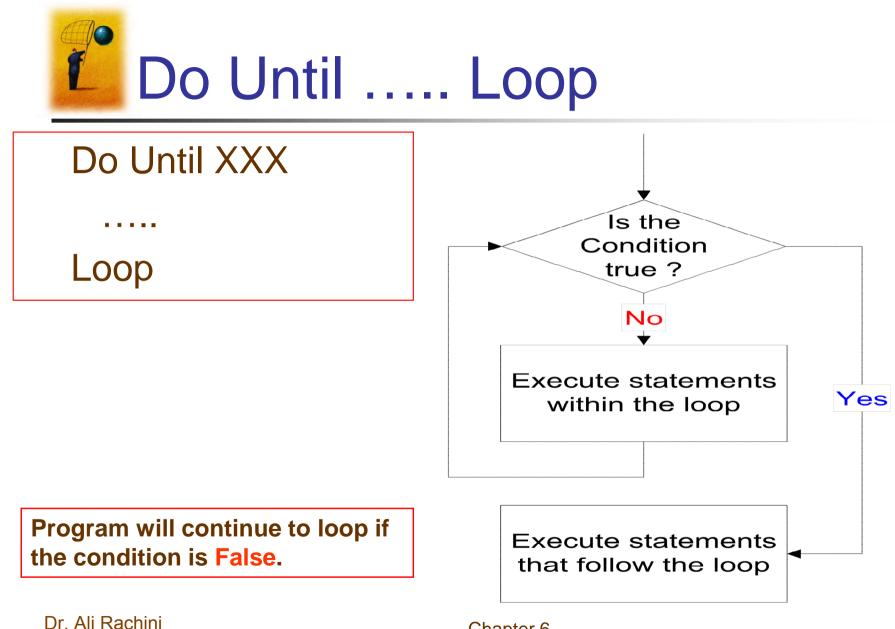


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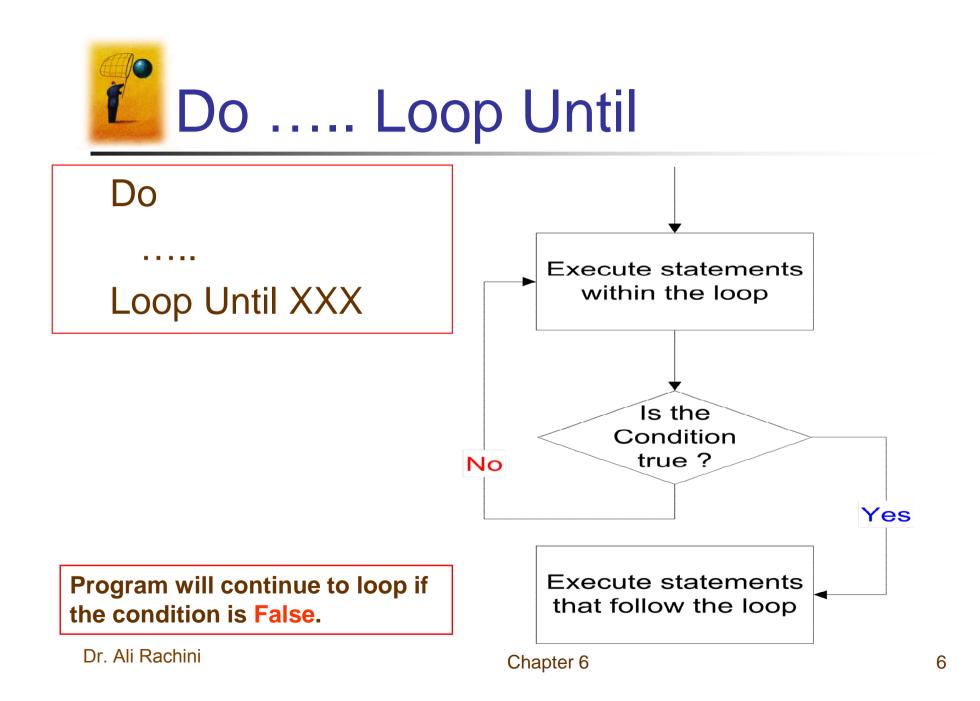








Chapter 6





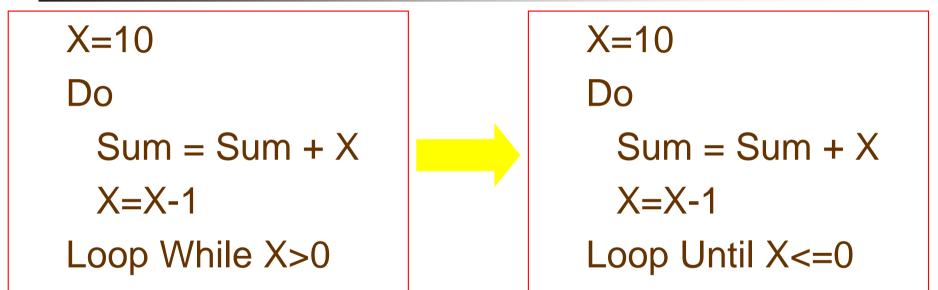
## Be careful for the Condition Statement

Do While <XXX> ..... Loop

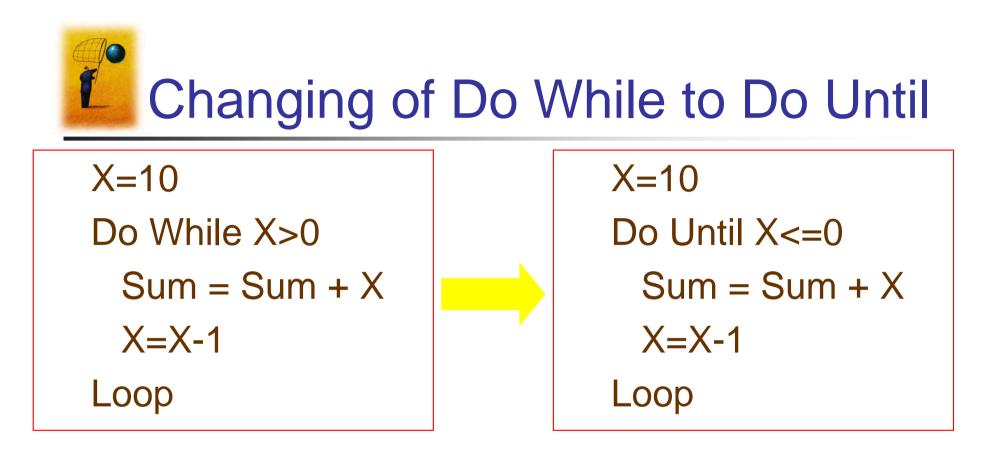
Do Until <yyy></yyy>	_
Loop	

When <XXX> is true, the loop will loop unit it evaluated value is changed to False. When <yyy> is true, the loop will stop and it evaluated value is changed to False.





Be careful there is a change of logical comparison symbol. The symbol ">" has to be replaced with " <= ".



Be careful there is a change of logical comparison symbol. The symbol ">" has to be replaced with " <= ".



What will be the value of Sum and MyNum when the following Program finished ?

```
MyNum=20
Sum=0
Do While MyNum>1
Sum = Sum + MyNum
MyNum=MyNum-2
Loop
```





What will be the value of Sum and MyNum when the following Program finished ?

```
MyNum=20
Sum=0
Do While NyNum>1
Sum = Sum + NyNum
MyNum=NyNum-2
Loop
```

## MyNum = 0

```
Sum=110
```



What will be the value of Boys and Girls when the following Program finished ?

Boys=20 Girls=10 Do Boys = Boys -1 Girls = Girls +2 Loop Until Girls>Boys





What will be the value of Boys and Girls when the following Program finished ?

Boys=20 Girls=10 Do Boys = Boys -1 Girls = Girls +2 Loop Until Girls>Boys

Boys = 16 Girls = 18