/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* File : Lab2\_2.1.doc

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\* Description : Converting Binary to Decimal

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BEGIN

DECLARE binary\_val AS LONG

DECLARE decimal\_val,Count,rem AS INTEGER

INITIALIZE decimal\_val=0, Count = 0

PROMPT “Enter a Binary Number Which You want to Convert into Decimal” AND

STORE IN binary\_val

WHILE(binary\_val != 0)

rem = binary\_val%10

binary\_val = binary\_val/10

decimal\_val = rem\*power(2,count)

count++

END WHILE

END