

Scanned with CamScanner

int
$$P=1$$
, $K=0$, P ;

while $(K
 E
 $P=2*P$;

 $E=K+1$;$

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d) indentify and eliminate loop P is not beging modified from The 100p It is a loop invariount variable and can be Placed outside The loop. The modie fied Program is: Int P=1, n, K=0; P= 2**n; while (K<n) K=K+1; 9 consider neu; int P=1 , K=0 , n=4; while (K<n) P= 2*P KEK+1; The value of P is 16. Replacing The above code with Poutside The loop int P=1, K=0, N=4; P= 2**n; while (KKn) K=K+1; me value of P is 16.