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| --- | --- |
| In\_token.txt | Out\_ |
| int gcd(int u, int v) // calculate the gcd of u and v  {  if(v == 0) reutrn u;  else return gcd(v, u-u/v\*v);  /\* v, 8-8/v\*v is  equals to u mod v \*\*\*  \*\*/    int x; double temp;  int a[100];  temp = 1.1;  for(i = 1; i <= 1; ) {  a = b;  }  while(y > x) {  y = y + 1;  }  return 0;  } | reserved word: int  ID, name = gcd  (  reserved word: int  ID, name = u  ,  reserved word: int  ID, name = v  )  {  reserved word: if  (  ID, name = v  ==  NUM, val = 0  )  ID, name = reutrn  ID, name = u  ;  reserved word: else  reserved word: return  ID, name = gcd  (  ID, name = v  ,  ID, name = u  -  ID, name = u  /  ID, name = v  \*  ID, name = v  )  ;  reserved word: int  ID, name = x  ;  reserved word: double  ID, name = temp  ;  reserved word: int  ID, name = a  [  NUM, val = 100  ]  ;  ID, name = temp  =  NUM, val = 1.1  ;  reserved word: for  (  ID, name = i  =  NUM, val = 1  ;  ID, name = i  <=  NUM, val = 1  ;  )  {  ID, name = a  =  ID, name = b  ;  }  reserved word: while  (  ID, name = y  >  ID, name = x  )  {  ID, name = y  =  ID, name = y  +  NUM, val = 1  ;  }  reserved word: return  NUM, val = 0  ;  } |