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|  | **Problem statement**  **Write a C program to simulate lexical analyzer for validating operators.** |

**SOLUTION:**

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| **CODE:**   |  | | --- | | // Write a C program to simulate lexical analyzer for validating operators  #include <stdio.h>  int main()  {  char c;  printf("Enter a character: ");  scanf("%c", &c);  if (c == '+' || c == '-' || c == '\*' || c == '/' || c == '%')  {  printf("It is an operator");  }  else  {  printf("It is not an operator");  }  return 0;  } |   **OUTPUT:**   |  | | --- | |  | |