Compilers Lab – Test Cases

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| Serial Number | Test Case | Expected Output |
| 1 | int a=10; | Keyword: int  Identifier: a  Operator: =  Constant: 10 |
| 2 | printf(“Hello World”); | Function call printf |
| 3 | b = a+10 | Identifier: b, a  Operator: =, +  Constant: 10  Error missing semicolon |
| 4 | #include<stdio.h> | Header file |
| 5 | //this is a single line comment | Single line comment |
| 6 | /\*this is not  A  Single line comment\*/ | Multiple line comment |
| 7 | /\*this is supposed /\*  To be a nested \*/  Comment \*/ | Error – Unmatched comment delimiter |
| 8 | printf(“unclosed); | Function call – printf  Error – Unmatched quotes |
| 9 | void function({} | Keyword: void  Error – Unmatched parenthesis |
| 10 | int main(){  b = f?3;  return 0; | Keyword: int, main, return  Function call – main  Identifier: b,f  Constant: 3, 0  Error - Unknown symbol ?  Error – Unmatched braces |