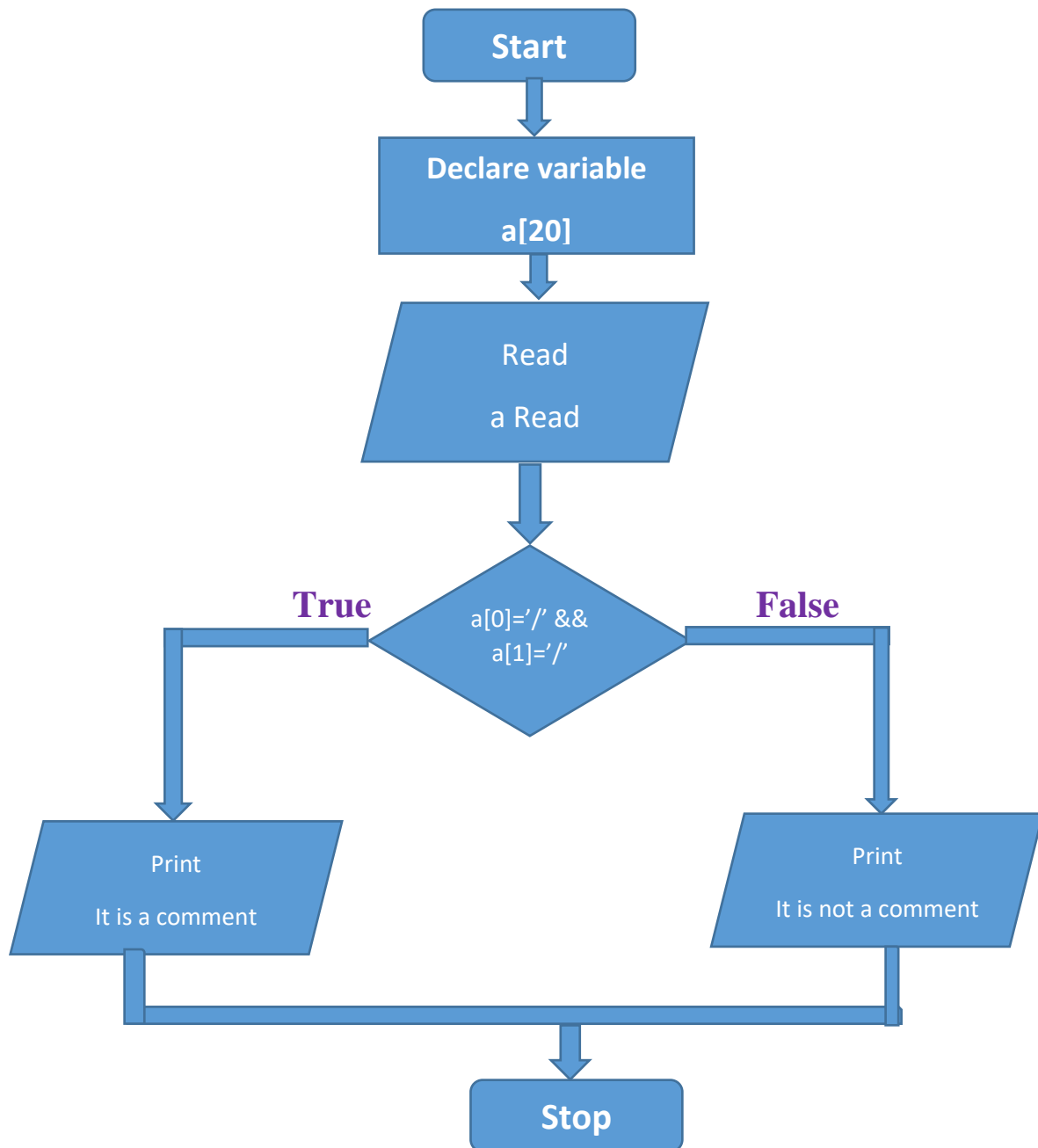


Problem No: 01

Problem Name: write a c program to identify whether given line is comment or not using “ // ”.

Methodology:



Source Code:

```
#include<stdio.h>

main()
{
    char a[20];
    gets(a);

    if(a[0]=='/' && a[1]=='/ )
    {
        printf("it is a comment");
    }
    else
    {
        printf("it is not a comment");
    }
}
```

Sample Input:

//my name is keya

Sample Output:

It is a comment

Problem No: 02

Problem Name: write a c program to identify whether given line is comment or not using “/*....*/ ”.

Methodology: “own”

Source Code: “own”

Sample Input: “own”

Sample Output: “own”

Problem No: 03

Problem Name: Write a c program to test whether a given string is an identifier or not

Methodology: “own”

Source Code: “own”

Sample Input: “own”

Sample Output: “own”

Problem No: 04

Problem Name: Write a c program to test whether a given input is an operator or not

Methodology: “own”

Source Code: “own”

Sample Input: “own”

Sample Output: “own”

Problem No: 05

Problem Name: Write a c program to test whether a given input is which type of operator

Methodology: “own”

Source Code: “own”

Sample Input: “own”

Sample Output: “own”

Problem No: 06

Problem Name: Write a c program to check whether two string/regular expression matching or not.

Methodology: “own”

Source Code: “own”

Sample Input: “own”

Sample Output: “own”

Problem No: 07

Problem Name: Write a C program to recognize strings under a*.

Methodology: “own”

Source Code: “own”

Sample Input: “own”

Sample Output: “own”

Problem No: 08

Problem Name: Write a C program to recognize strings under a+.

Methodology: “own”

Source Code: “own”

Sample Input: “own”

Sample Output: “own”

Problem No: 09

Problem Name: Write a C program to recognize strings under a*b.

Methodology: “own”

Source Code: “own”

Sample Input: “own”

Sample Output: “own”

Problem No: 10

Problem Name: Write a C program to recognize strings under a*b+.

Methodology: “own”

Source Code: “own”

Sample Input: “own”

Sample Output: “own”

Question: Describe the Phases of a compiler.

Answer:

Syntax Analysis: [Describe]

Semantic Analysis: [Describe]

Intermediate Code Generation: [Describe]

Code Optimization: [Describe]

Code Generation: [Describe]

Symbol Table: [Describe]