

Question 1: Identify each of the following as function call, function definition and function declaration.

```
int func(int num1, int num2);  
int func(int, int);  
func(5, 6) ;  
int func(int num1, int num2){}
```

Answer:

int func(int num1, int num2);

1. Function call: Function;
2. Function definition: Integer;
3. Function declaration: Num1 and Num2

int func(int, int);

1. Function call: Function ;
2. Function definition: Integer;
3. Function declaration: integers

func(5, 6) ;

1. Function call: Function;
2. Function definition: numbers;
3. Function declaration: 5 & 6

int func(int num1, int num2){}

1. Function call: Function ;
2. Function definition: Integer;
3. Function declaration: Num1 and Num2

Question 2: What is the difference between switch statement and if statement.

Answer:

1. IF statement is used when we have to check two conditions while switch is a multi conditional control statement.
2. SWITCH statement can be executed with all cases if the "break" statement is not used whereas IF statement has to be true to be executed further.

Question 3: What is the difference between tellg() and tellp() functions?

Question 4: What is the difference between while and for loop?

Answer:

when number of iterations known we use for loop otherwise we will use while loop

Question 5: What is the keyword "this" and what are the uses of "this" pointer?

Answer:

"this" is use to refer the current class member without using the name of the class.

Question 6: What is the purpose and syntax of the const keyword