

Function Functional Interface

Function Functional Interface : When we have to provide some input and the operation is to perform and then we are expecting some output, then in that case we should go for Function Functional Interface.

Prototype of Function FI :

```
Interface Function<T,R>{  
    Public R apply(T t);  
}
```

Prog to print square of no, using Function FI.

```
//Prog to print square of given no, using Functional FI.  
public class TestBasicFunctionalFI {  
  
    public static void main(String[] args) {  
        //Function FI accepts 2 params, one as input and another as return  
type,  
        // in this case both are Integer  
        Function<Integer,Integer> fi = i->i*i;  
        System.out.println(fi.apply(4));  
    }  
}
```

Imp Points:

1. Return type of Function FI depends upon the operation that we perform.
2. Input and Output types of Function FI can be either same or different.