```
; Function Attrs: nofree nounwind uwtable
define dso_local i32 @printf(i8* nocapture noundef readonly %0, ...) local_unnamed_addr #0 {
  %2 = alloca [1 x %struct.__va_list_tag], align 16
  %3 = bitcast [1 x %struct.__va_list_tag]* %2 to i8*
  call void @llvm.lifetime.start.p0i8(i64 24, i8* nonnull %3) #4
```
BB1

```
  %4 = getelementptr inbounds [1 x %struct.__va_list_tag], [1 x %struct.__va_list_tag]* %2, i64 0, i64 0
  call void @llvm.va_start(i8* nonnull %3)
```
BB2

```
  %5 = load %struct._IO_FILE*, %struct._IO_FILE** @stdout, align 8, !tbaa !5
  %6 = call i32 @vfprintf(%struct._IO_FILE* noundef %5, i8* noundef %0, %struct.__va_list_tag* noundef nonnull %4)
```
BB3

```
  call void @llvm.va_end(i8* nonnull %3)
```
BB4

```
  call void @llvm.lifetime.end.p0i8(i64 24, i8* nonnull %3) #4
```
BB5

```
  ret i32 %6}
```
BB6

```
; Function Attrs: nofree nounwind uwtable
define dso_local i32 @Fibonacci(i32 noundef %0) local_unnamed_addr #0 {
  br label %2
```
BB7

```
2:                                                ; preds = %5, %1
  %3 = phi i32 [ 0, %1 ], [ %10, %5 ]
  %4 = phi i32 [ %0, %1 ], [ %7, %5 ]
  switch i32 %4, label %5 [
    i32 0, label %12
    i32 1, label %11
  ]
```
BB8

```
5:                                                ; preds = %2
  %6 = add nsw i32 %4, -1
  %7 = add nsw i32 %4, -2
  %8 = tail call i32 (i8*, ...) @printf(i8* noundef nonnull dereferenceable(1) getelementptr inbounds ([22 x i8], [22 x i8]* @.str.2, i64 0, i64 0), i32 noundef %4, i32 noundef %6, i32 noundef %7)
```
BB9

```
  %9 = tail call i32 @Fibonacci(i32 noundef %6)
```
BB10

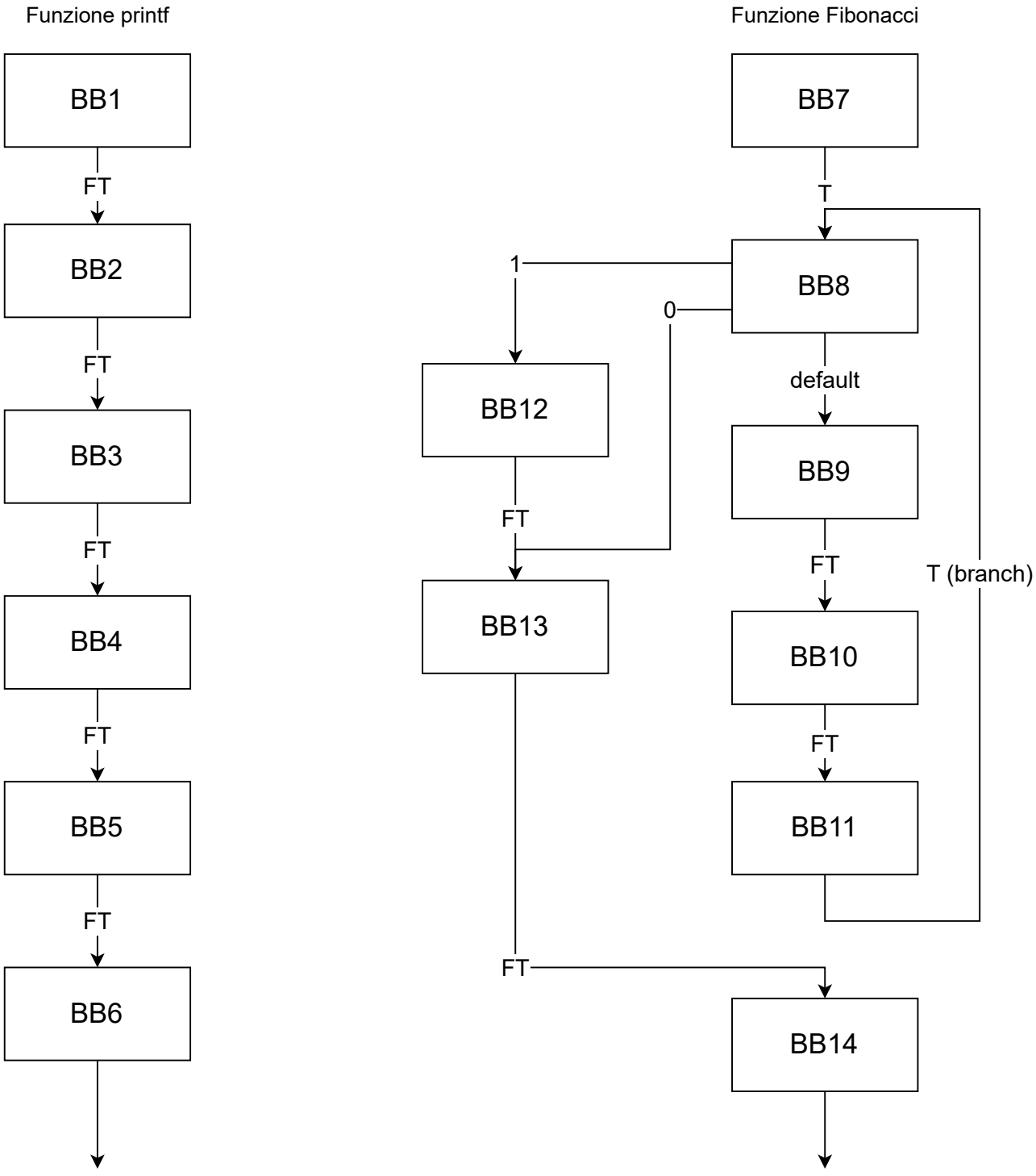
```
  %10 = add nsw i32 %9, %3
  br label %2
```
BB11

```
11:                                               ; preds = %2
  br label %12
```
BB12

```
12:                                               ; preds = %2, %11

  %13 = phi i8* [ getelementptr inbounds ([9 x i8], [9 x i8]* @.str.1, i64 0, i64 0), %11 ], [ getelementptr inbounds ([9 x i8], [9 x i8]* @.str, i64 0, i64 0), %2 ]
  %14 = tail call i32 (i8*, ...) @printf(i8* noundef nonnull dereferenceable(1) %13)
```
BB13

```
  %15 = add nsw i32 %4, %3
  ret i32 %15}
```
BB14


Funzione printf
BB1
FT
BB2
FT
BB3
FT
BB4
FT
BB5
FT
BB6
Funzione Fibonacci
BB7
T
BB8
1
0
default
BB12
BB9
FT
FT
T (branch)
BB13
BB10
FT
BB11
FT
BB14