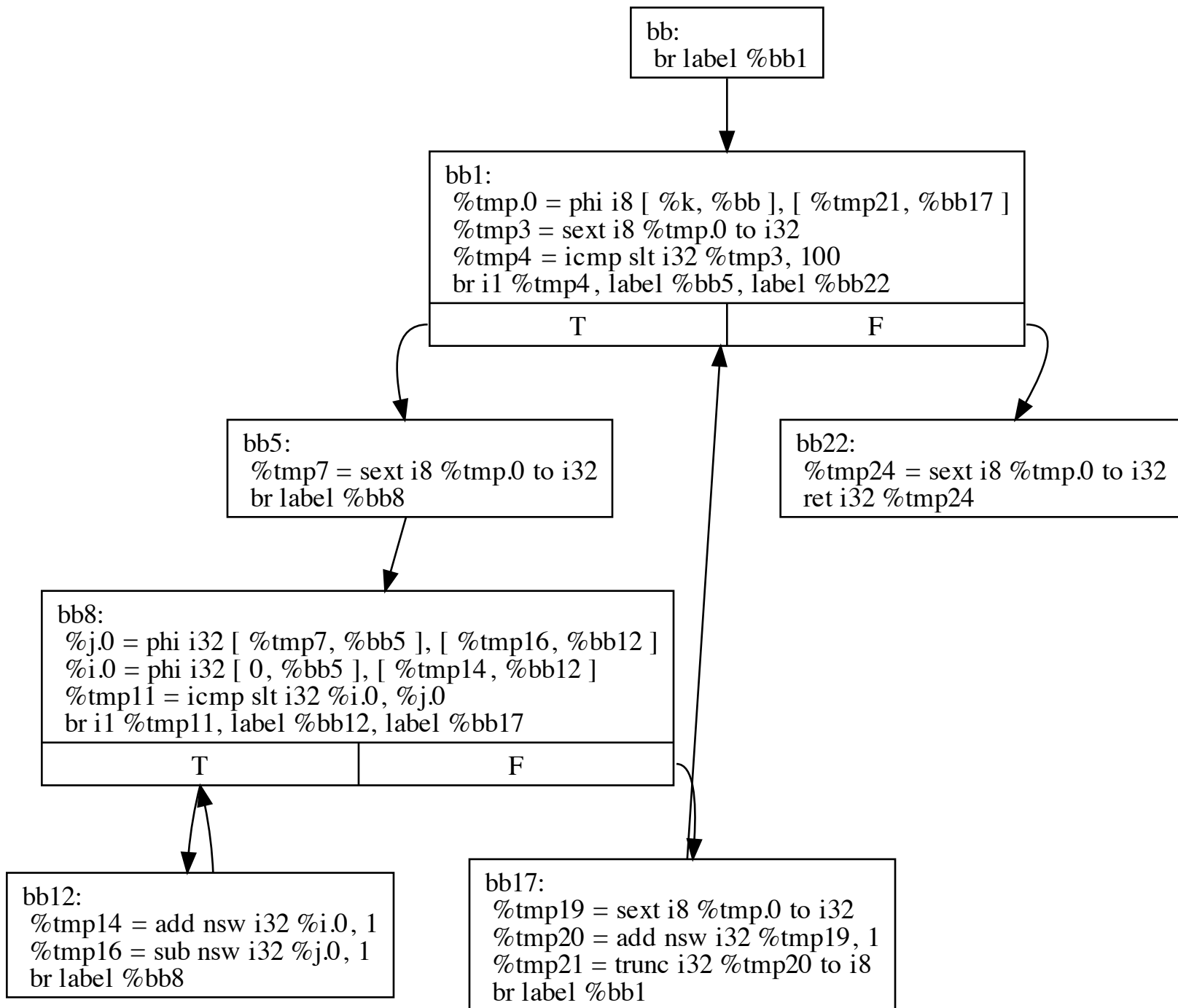```
bb:
 %tmp4 = trunc i32 %argc to i8
 %tmp5 = call i32 @foo(i8 signext %tmp4)
 %tmp6 = call i32 (i8*, ...)* @printf(i8* getelementptr inbounds ([4 x i8]* @.str, i32 0, i32 0), i32 %tmp5)
 ret i32 0
```

CFG for 'main' function

```
bb:
  br label %bb1
```

```
bb1:
  %tmp.0 = phi i8 [ %k, %bb ], [ %tmp21, %bb17 ]
  %tmp3 = sext i8 %tmp.0 to i32
  %tmp4 = icmp slt i32 %tmp3, 100
  br i1 %tmp4, label %bb5, label %bb22
```
| T | F |

```
bb5:
  %tmp7 = sext i8 %tmp.0 to i32
  br label %bb8
```

```
bb22:
  %tmp24 = sext i8 %tmp.0 to i32
  ret i32 %tmp24
```

```
bb8:
  %j.0 = phi i32 [ %tmp7, %bb5 ], [ %tmp16, %bb12 ]
  %i.0 = phi i32 [ 0, %bb5 ], [ %tmp14, %bb12 ]
  %tmp11 = icmp slt i32 %i.0, %j.0
  br i1 %tmp11, label %bb12, label %bb17
```
| T | F |

```
bb12:
  %tmp14 = add nsw i32 %i.0, 1
  %tmp16 = sub nsw i32 %j.0, 1
  br label %bb8
```

```
bb17:
  %tmp19 = sext i8 %tmp.0 to i32
  %tmp20 = add nsw i32 %tmp19, 1
  %tmp21 = trunc i32 %tmp20 to i8
  br label %bb1
```

CFG for 'foo' function