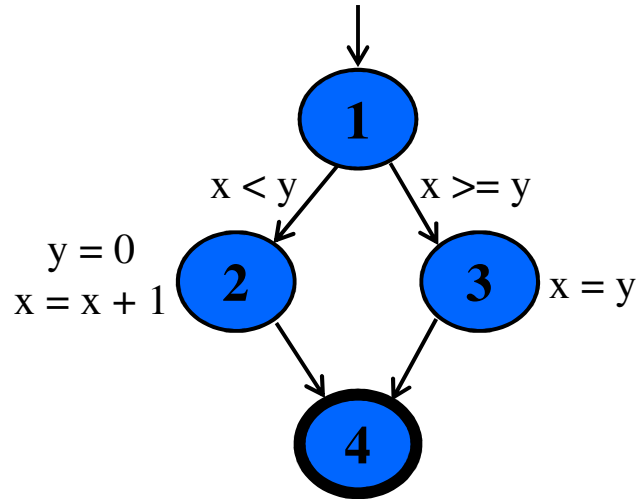
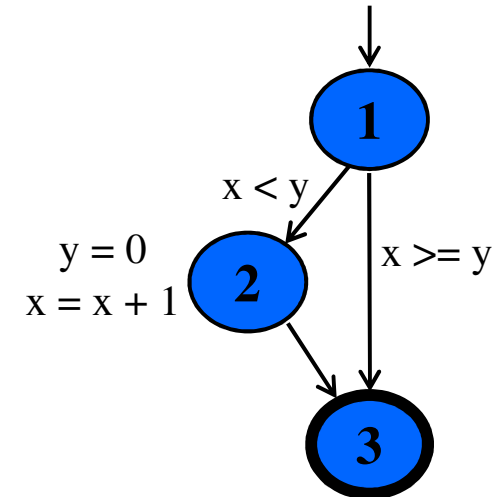


Control Flow Graph : if Statement

```
(x < y)
{
  y = 0;
  x = x + 1;
}
else
{
  x = y;
}
```

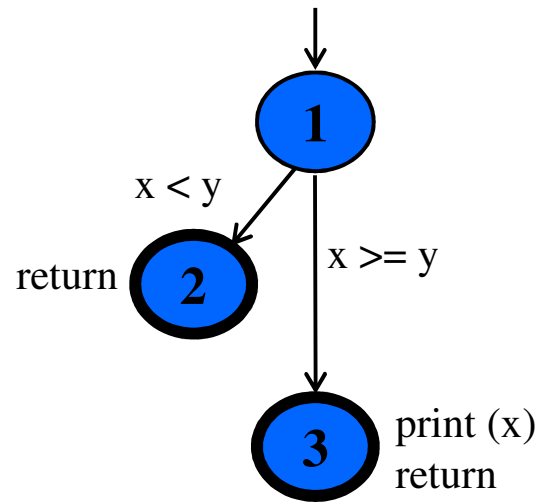


```
if (x < y)
{
  y = 0;
  x = x + 1;
}
```

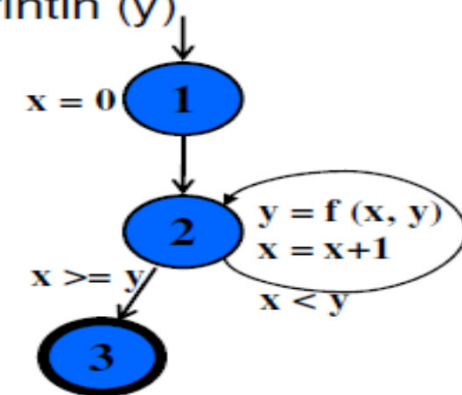


Control Flow Graph : if-Return Statement & do loop

```
if (x < y)
{
  return;
}
print (x);
return;
```



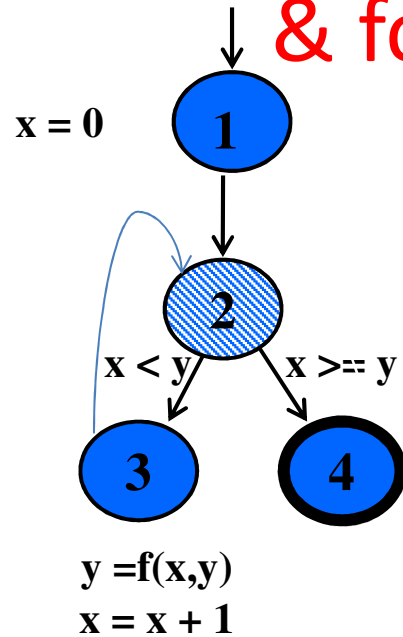
```
x = 0;
do
{
  y = f (x, y);
  x = x + 1;
} while (x < y);
println (y)
```



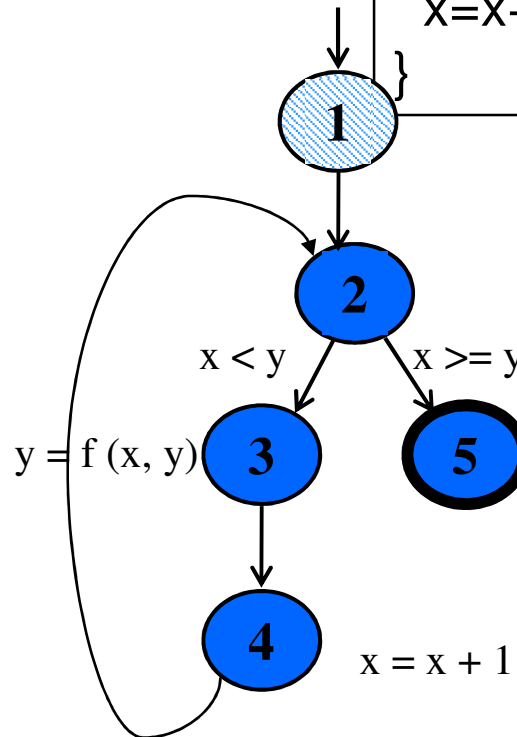
a

Control Flow Graph : while Statement & for Loop

```
x = 0;
while (x < y)
{
  y = f(x, y);
  x = x + 1;
}
```



```
for (x = 0; x < y; x++)
{
  y = f(x, y);
  x = x + 1;
}
```

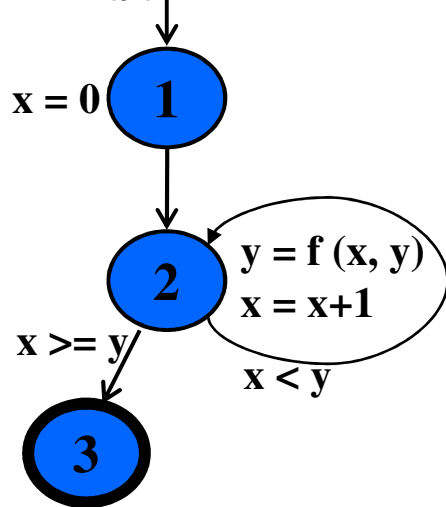


Control Flow Graphs : do Loop, break and continue

```

x = 0;
do
{
  y = f(x, y);
  x = x + 1;
} while (x < y);
println (y)

```



```

x = 0;
while (x < y)
{
  y = f(x, y);
  if (y == 0)
  {
    break;
  } else if (y < 0)
  {
    y = y*2;
    continue;
  }
  x = x + 1;
}
print (y);

```

