Lab 3 – Exercise 2
An Activity according to Temperature
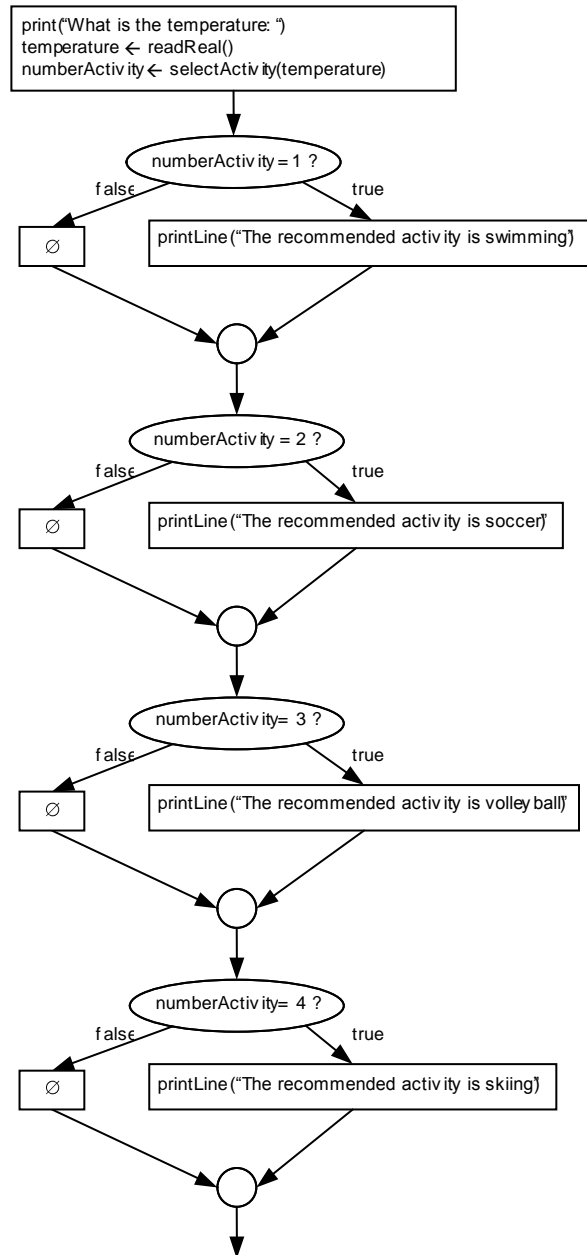
GIVENS : *(none)*
RESULT : *(none)*
INTERMEDIATES: temperature   *(the current temperature)*
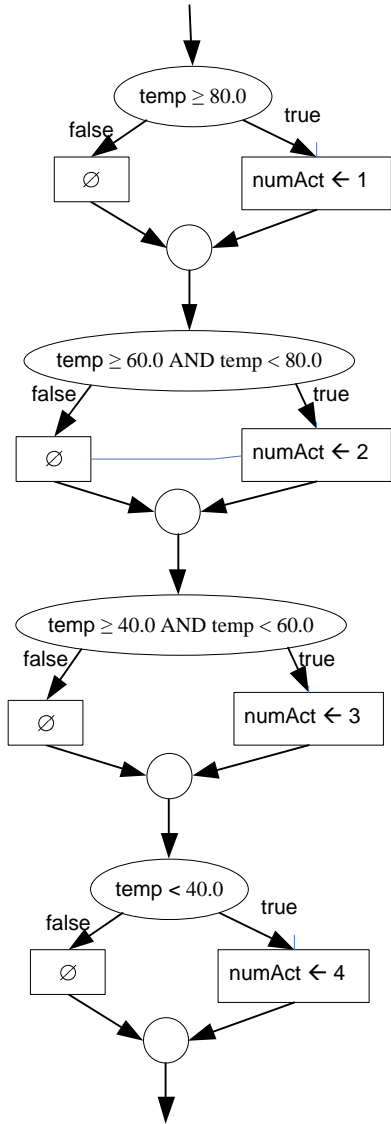   numberActivity   *(the number of the activity)*

HEADER : main()
BODY :

```
print("What is the temperature: ")
temperature ← readReal()
numberActivity ← selectActivity(temperature)
```

numberActivity = 1 ?
  false → ∅
  true → printLine("The recommended activity is swimming")

numberActivity = 2 ?
  false → ∅
  true → printLine("The recommended activity is soccer")

numberActivity= 3 ?
  false → ∅
  true → printLine("The recommended activity is volley ball")

numberActivity= 4 ?
  false → ∅
  true → printLine("The recommended activity is skiing")

GIVENS :   temp   *(the temperature)*
RESULT :   numAct   *(the number of the activity)*
HEADER : numAct ← selectActivity(temp)
BODY :

Version 1 – Sequence of Branches

Version 2 – Nested Branches