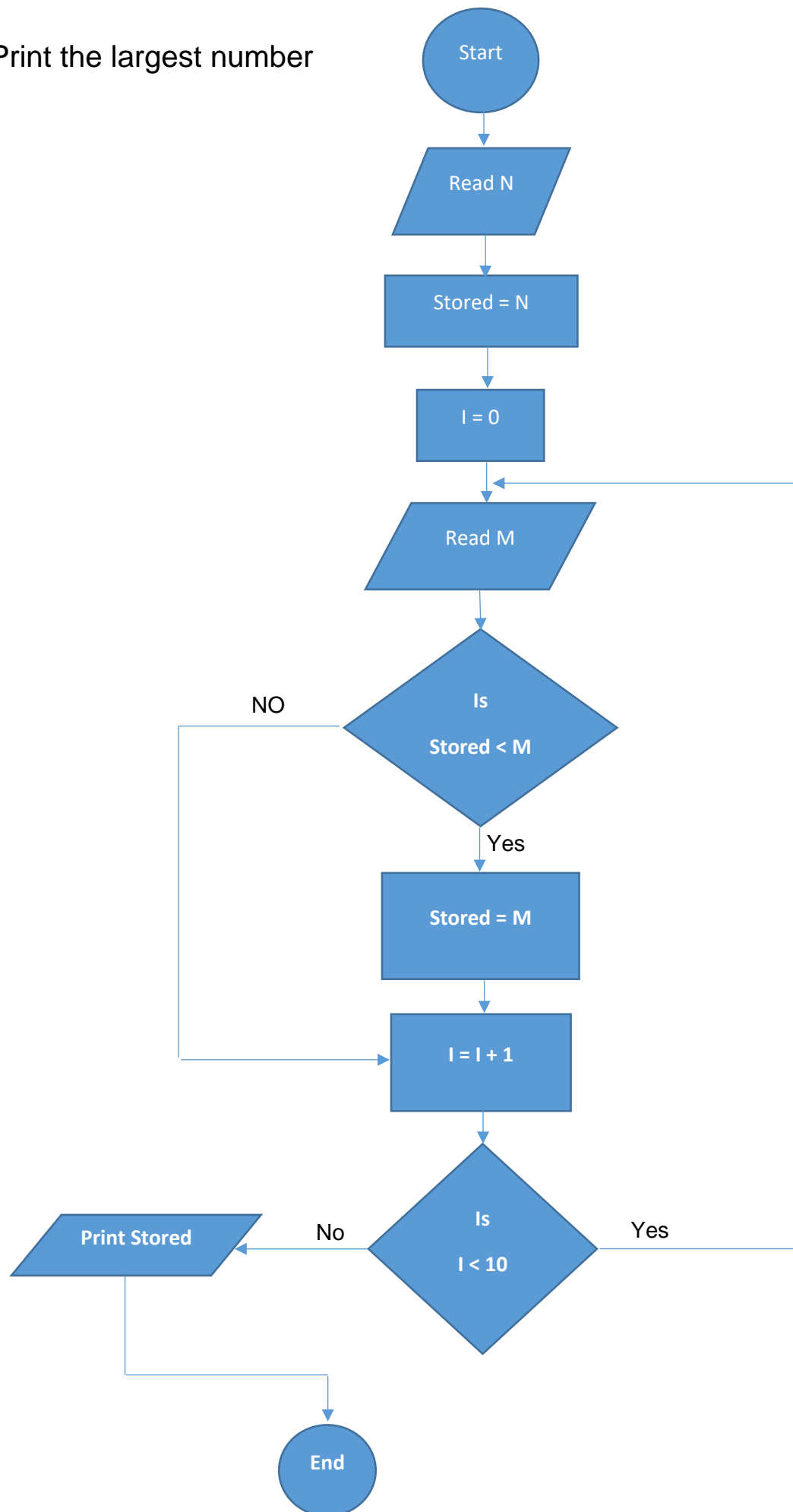الاسم / إسلام محمد عطية محمد
20220126

Pseudocode to return the largest number

1. Counter = 0
2. Take the first number
3. Store the first number
4. Take another number
5. If the other number is bigger than the stored number
6. The stored number is the other number
7. Counter = counter + 1
8. If the stored number is not bigger than the other number counter = counter + 1
9. If the counter < 10 go to step 4
10. Print the stored number

Pseudocode to return the smallest number

1. Counter = 0
2. Take the first number
3. Store the first number
4. Take another number
5. If the other number is smaller than the stored number
6. The stored number is the other number
7. Counter = counter + 1
8. If the stored number is not bigger than the other number counter = counter + 1
9. If the counter < 10 go to step 4
10. Print the stored number

Print the largest number

```
        Start

        Read N

       Stored = N

        I = 0

        Read M

        Is
     Stored < M        NO

        Yes

      Stored = M

      I = I + 1

        Is
      I < 10          Yes

   Print Stored    No

        End
```

Print the smallest number

```
Start
  ↓
Read N
  ↓
Stored = N
  ↓
I = 0
  ↓
Read M
  ↓
Is Stored > M
  No →
  Yes ↓
Stored = M
  ↓
I = I + 1
  ↓
Is I < 10
  No → Print Stored
  Yes → (loop back to Read M)
  ↓
End
```

Start

Read N

Stored = N

I = 0

Read M

Is
Stored > M

No

Yes

Stored = M

I = I + 1

Is
I < 10

No

Yes

Print Stored

End