Problem 7:-

Start → n

n = 1111110 ? No →
Yes → 0

n = 0110000 ? No →
Yes → 1

n = 1101101 ? No →
Yes → 2 → A

A

n = 1111001 ? No →
Yes → 3

n = 0110011 ? No →
Yes → 4

n = 1011011 ? No →
Yes → 5

n = 1011111 ? No →
Yes → 6 → B

B

n = 1110000 ? No →
Yes → 7

n = 1111111 ? No →
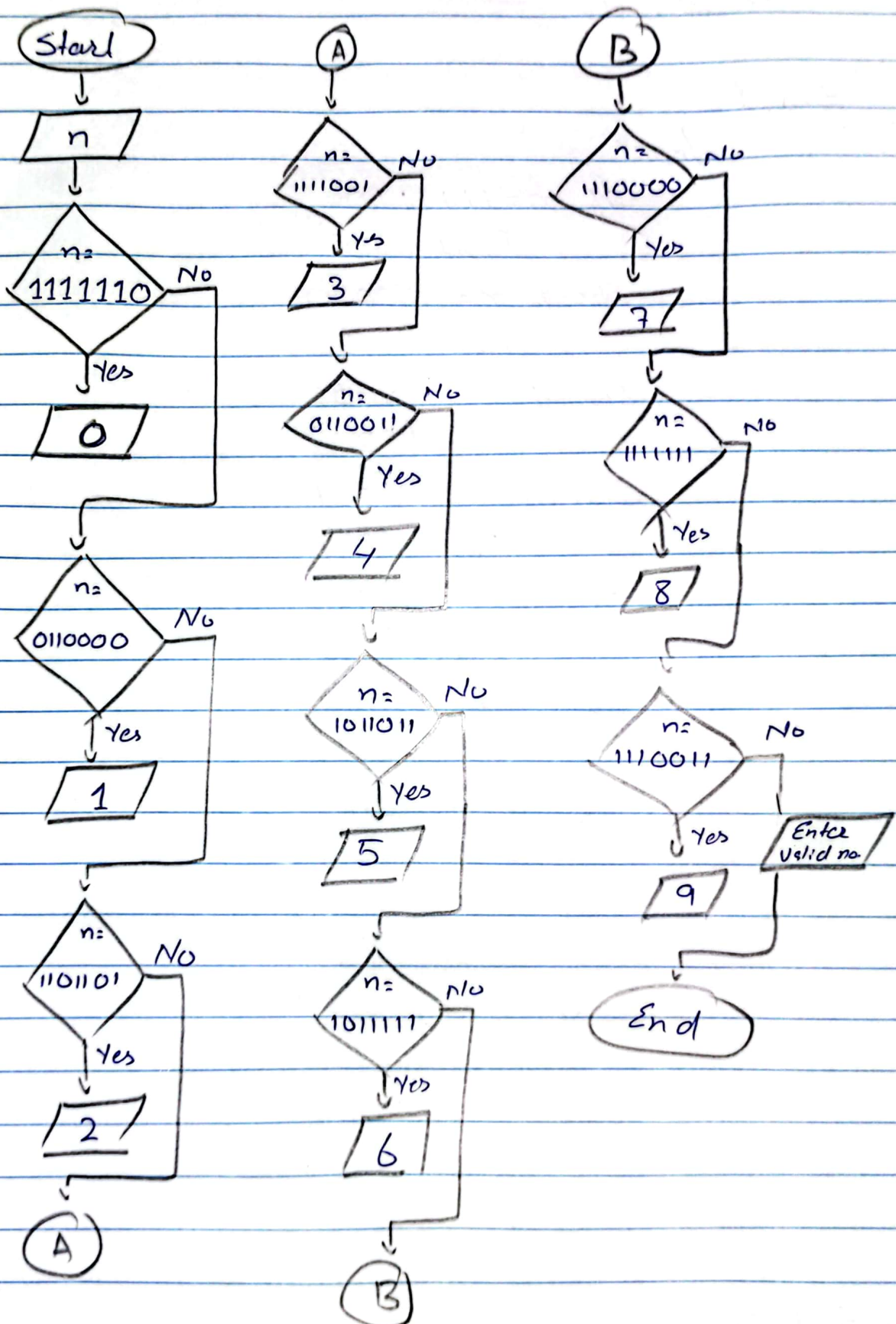Yes → 8

n = 1110011 ? No → Enter valid no.
Yes → 9

End

Pseudocode:

Start

Input n;

If n = 1111110

Print ("0")

Else if n = 0110000

Print (" 1")

Else if n = 1101101

Print ("2")

Else if n = 1111001

Print ("3")

Else if n = 0110011

Print ("4")

Else if n = 1011011

Print ("5")

Else if n = 1011111

Print ("6")

Else if n = 1110000

Print ("7")

Else if n = 1111111

Print ("8")

Else if n = 1110011

Print ("9")

Else

Print ("Enter Valid Number")

End.

IPO

Input
Number:-

Process:
Check the display of 7 lits
Turn on1 or off to make the digits
0-9.

Output:-
Display the number (0-9) according to
7 lits.