

1) write a program that print table of any number

- 1) Start
- 2) Read the number
- 3) For $i = 1$ to 10
- 4) ~~print~~ number of table
- 4) Print $ANS = N * i$
- 5) End For
- 6) Stop

2) write algorithm that print Sum of n numbers.

- 1) Start
- 2) initially $num = 1, n$
- 3) print num
- 4) Set $num = num + 1$
- 5) if $(num \leq n)$
 goto step 3
- 6) End

3) write algorithm that to check if a number is prime

- 1) Start
- 2) Take num as input.
- 3) initialize $temp$ to 1
- 4) For $i = 2$ to \sqrt{num} .
- 5) if num is divisible by loop iterator, then update
 $temp$ value to 0
- 6) if $(temp == 1)$
 print num is prime number
else
 ~~print not prime number~~
- 7) End

~~Print~~

7) End. print Num is not prime number.

4) Write algorithm to print all odd number backward from 99 to 1

1) Start

2) For $i = 99$ to 1

IF ($i \% 2 \neq 0$)

print i

3) End

3) write algorithm that to check if a number is prime

1) Start.

2) Get number.

3) Set $i = 2$

4) ~~num \times $i = 0$~~

4) if ($\text{num} \times i = 0$)

print not prime.

else.

set $i = i + 1$

5) if ($i \leq \text{num} - 1$)

goto step 4

else

print prime

6) End