3)

2)Find even num from 1 to 100

Algorithm:

Step 1: Start

Step 2: Declare variable num and rem

Step 3: initialize variable num as 1

num<-1

Step 4: Divide num by 2 and calculate rem

rem <- num%2

Step 5: If(rem==0)

then Print num

Step 4: Increment num by 1 num<- num+1

Step 5: If(num<=20)

-then Goto Step4

Step 6: Stop

Start

num= 1 , rem

num=num+1

if num>=100

rem=num%2

1)

If rem==0

Print 1 to 20

Algorithm:

Step 1: Start

Step 2: Declare and initialize a variable num as 1

num<-1

Step 3: Display num

Step 4: Increment num by 1

Print num

num<- num+1

Step 5: If num is less than equal to 20 then go to step3 If(num<=20) ▼ then Goto Step3

Step 6: Stop

Stop

if num>=20

num=num+1

Print num

num=1

Start