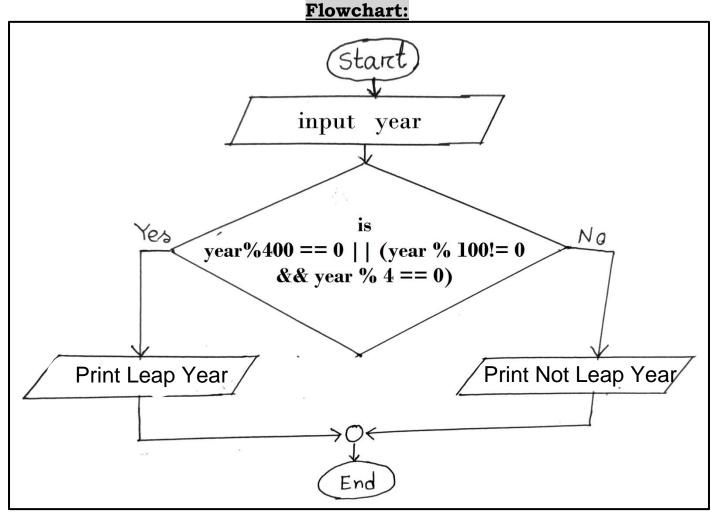
C Program

```
#include <stdio.h>
int main() {
  int year;
  scanf("%d",&year);
  if (year%400 == 0 || (year % 100!= 0 && year % 4 == 0))
    {printf("Leap Year");}
  else
    {printf("Not Leap Year");}
  return 0;
}
```

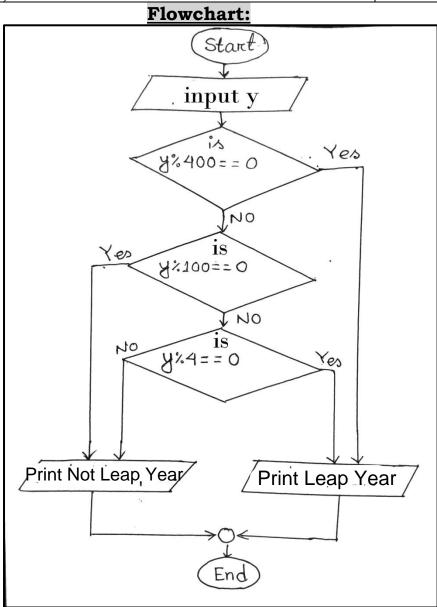
```
<u>Algorithm</u>
```

```
Step 1: Start
Step 2: input year
Step 3: is (year%400 == 0 | | (year % 100!= 0 && year % 4 == 0))

i. Yes, Print "Leap Year"
ii. No, Print "Not Leap Year"
Step 4: End
```

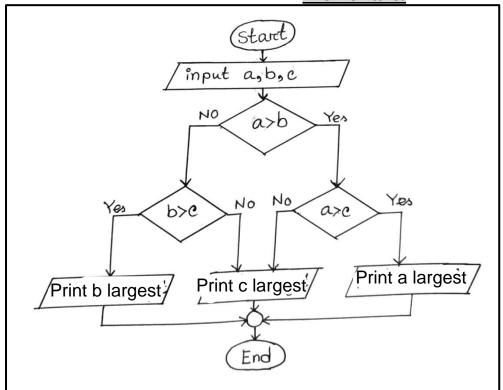


C Program	Algorithm
#include <stdio.h></stdio.h>	
int main() {	Step 1: Start
int y;	Step 2: input y
scanf("%d", &y);	Step 3: is y%400 == 0
if (y % 400 == 0)	i. Yes, Print "Leap Year"
{printf("Leap Year");}	ii. No, Go to step 4.
else if (y % 100 == 0)	Step 4: is y % 100== 0
{printf("Not Leap Year");}	i. Yes, Print "Not Leap Year"
else if (y % 4 == 0)	ii. No, Go to step 5.
{printf("Leap Year");}	Step 5: is y % 4 == 0
else	i. Yes, Print "Leap Year"
{printf("Not Leap Year");}	ii. No, Print "Not Leap Year".
return 0;	Step 6: End
}	



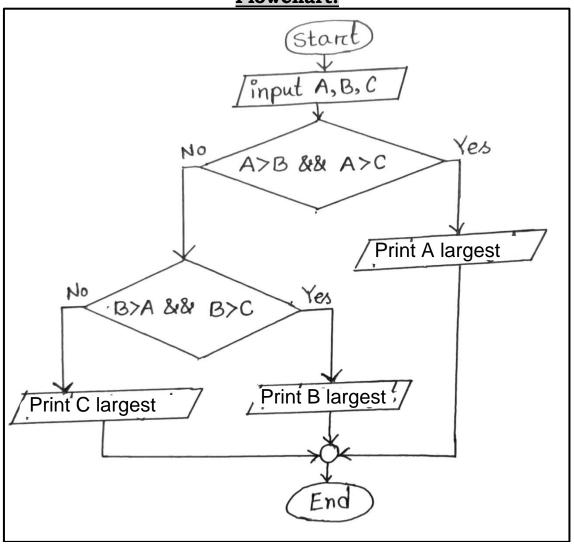
Algorithm C Program #include<stdio.h> main() Step 1: Start int a,b,c; Step 2: input a,b,c scanf("%d %d %d",&a,&b,&c); Step 3: is a greater than b? if(a>b)(i) Yes. Go to Step 4 (ii) No. Go to Step 5 if(a>c)Step 4: is a greater than c {printf("Largest Number:a=%d",a);} (i) Yes, Print a as the largest number. (ii) No, Print c as the largest {printf("Largest Number:c=%d",c);} number. Step 5: is **b** greater than **c** else (i) Yes, Print **b** as the largest number. if(b>c)(ii) No, Print c as the largest {printf("Largest Number:b=%d",b);} number. else Step 6: End {printf("Largest Number:c=%d",c);}

Flowchart:



C Program	Algorithm
#include <stdio.h> int main() { int A, B, C; scanf("%d %d %d", &A, &B, &C); if (A>B && A>C) {printf("Largest Number:A=%d",A);} else if (B>A && B>C) {printf("Largest Number:B=%d",B);}</stdio.h>	Algorithm Step 1: Start Step 2: input A,B,C Step 3: is A>B and A>C? i. Yes, Print A as the largest number. ii. No, Go to Step 4 Step 4: is B>A and B>C? i. Yes, Print B as the largest
<pre>else {printf("Largest Number:C=%d",C);} return 0; }</pre>	number. ii. No, Print C as the largest number. Step 5: End

Flowchart:



Created by Meshigal Kiber