**FLOWCHART**

**Arithmetic**

**1 Addition of two numbers**

**START**

**DISPLAY SUM**

**SUM=NUM1+NUM2**

**READ NUM 1 , NUM2**

**DECLARE VARIABLE**

**NUM 1, NUM2, SUM**

**END**

2 **AREA OF THE CIRCLE**

**START**

**DECLARE A VARIABLE : AREA , R**

**INPUT: R**

**END**

**DISPLAY AREA**

**CALCULATE**

**AREA=3.14\*R\*R**

**DECISION MAKING EXAMPLES**

1. **FIND LARGEST NUMBER AMONG THE 3 NUMBERS**

START

**IS A>C**

**AA>B**

**IS B>C**

**AA>B**

**IS A>B**

**AA>B**

**READ**

**A, B, C**

NO YES

YES NO NO YES

**END**

**PRINT ‘A’ IS THE LARGEST NUMBER**

**PRINT ‘C’ IS THE LARGEST NUMBER**

**PRINT ‘B’ IS THE LARGEST NUMBER**

1. **FIND WHETHER THE NUMBER IS PRIME OR NOT**

**START**

**N%2==0**

**I<N**

**I=2**

**READ NUMBER N**

NO

YES

**NUMBER IS NOT PRIME**

**I==N**

NO

**END**

**NUMBER IS PRIME**

**I=I+1**

**LOOP EXAMPLES**

1. **PRINT THE SERIES OF NUMBER USER WANTS**

**I=I+1**

**PRINT I**

**I>n?**

I=1

**INPUT N**

**START**

**YES** **NO**

**END**

1. **FIND THE SUM OF N NATURAL NUMBER**

**SUM=SUM+1**

**FOR (I=1 TO I<=N)**

**READ N**

**DECLARE N, I, SUM IN INT DATATYPE**

**START**

**YES**

**END**

**PRINT SUM**