Prime number:

<https://www.youtube.com/watch?v=u9NT9kjNRys>

Prime number means the number which divide by 1 and itself called prime number

Prime=7,9

7-1=6

9-1=8

6 and 8 both will divide by 2 means it’s not prime

The number which is not divided by 2 is prime

Program:

**package** Java\_programs;

**public** **class** PrimeNumber {

**public** **static** **void** main(String[] args) {

**int** number=7;

**int** temp=0;

**for**(**int** i=2;i<=number-1;i++)

{

**if** (number%i==0) {

temp=temp+1;

}

}

**if**(temp>0) {

System.***out***.println(number+" is not prime");

}**else**

System.***out***.println(number+" is prime");

}

}

Output:

7 is prime