**package** assignment;

**public** **class** prime {

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

**int** i, n, a, j;

n=1000;

System.***out***.println("prime numbers between 1 to n are");

**for**(j=2;j<=n;j++) {

a=0;

**for**(i=1;i<=j;i++) {

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

a++;

}

}

**if**(a==2)

System.***out***.println(j+" ");

}

}

}