



# 上海交通大学

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算法: for 嵌套,  $i$  取遍  $1 \sim 100$ ,  $j$  取遍  $1 \sim i$ ,  $i \% j == 0$ , break.

$i \% j != 0$ , flag = true. cout.

代码: 与作业相同.

```
int main() {
```

```
    int i=0, j=0; bool flag = true;
```

```
    for (i=2; i <= 100; i++) {
```

```
        flag = false; if (i==2) flag = true;
```

```
        for (j=2; j < i; j++) {
```

```
            if (i % j == 0) continue; break;
```

```
            else flag = true;
```

```
        }
```

```
        if (flag) cout << i << endl;
```

```
    }
```

```
    return 0;
```

```
}
```